User manual
Manuel de l'utilisateur
Guía del usuario

MAGNAVOX

37MD350B
32MD350B
LCD TV/DVD

STOP!

Thank you for choosing Magnavox.

Need help fast?

Read your User Manual first for quick tips that make using your Magnavox product more enjoyable. If you have read your instructions and still need assistance, you may access our online help at
www.magnavox.com/support
or call
1-866-341-3738
while with your product
(and Model / Serial number)

ARRÊT!

Magnavox vous remercie de votre confiance.

Besoin d'une aide rapide?

Manuel de l'utilisateur regorgent d'astuces destinées à simplifier l'utilisation de votre produit Magnavox. Toutefois, si vous ne parvenez pas à résoudre votre problème, vous pouvez accéder à notre aide en ligne à l'adresse
www.magnavox.com/support
ou formez le
1-866-341-3738
Veillez à avoir votre produit à portée de main
(et model / serial nombre)

ALTO!

Gracias por escoger Magnavox.

Necesita ayuda inmediata?

Lea primero el Manual del usuario, en donde encontrará consejos que le ayudarán a disfrutar plenamente de su producto Magnavox. Si después de leerlo aún necesita ayuda, consulte nuestro servicio de asistencia en línea en
www.magnavox.com/support
o llame al teléfono
1-866-341-3738
y tenga a mano el producto
(y número de model / serial)

HDTV HIGH-DEFINITION TELEVISION

HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE

◾◾ DOLBY DIGITAL

MODEL NUMBER	SERIAL NUMBER

ENERGY STAR

MAGNAVOX

Congratulations on your purchase, and welcome to the "family!"

Dear MAGNAVOX product owner:
Thank you for your confidence in MAGNAVOX. You've selected one of the best-built, best-backed products available today. We'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the MAGNAVOX "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry. What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

Most importantly, you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome - and thanks for investing in a MAGNAVOX product.

P.S. To get the most from your MAGNAVOX purchase, be sure to complete and return your Product Registration Card at once or register online at:
www.magnavox.com/support

Know these **safety** symbols

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING : To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

CAUTION : To prevent electric shock, match wide blade of plug to wide slot, fully insert.
ATTENTION : Pour éviter les choc électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

For Customer Use
Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.
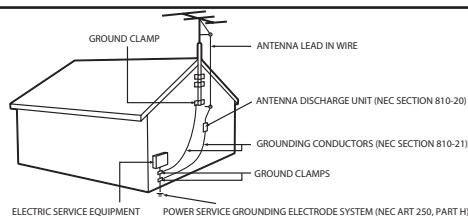Model No._____
Serial No. _____

IMPORTANT SAFETY INSTRUCTIONS

Read before operating equipment

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wide blade or third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when un-used for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
    A. The power supply cord or the plug has been damaged;
    B. Objects have fallen, or liquid has been spilled into the appliance;
    C. The appliance has been exposed to rain
    D. The appliance does not appear to operate normally or exhibits a marked change in performance;
    E. The appliance has been dropped, or the enclosure damaged.

16. **Tilt/Stability** - All televisions must comply with recommended international global safety standards for tilt and stability properties of its cabinet design.
    • Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet which could ultimately overturn the product.
    • Also, do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
17. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
18. **Power Lines** - An outdoor antenna should be located away from power lines.
19. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
    Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, ground-ing of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure below.
20. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclo-sure through openings.
21. **Battery Usage CAUTION** - To prevent battery leakage that may result in bodily injury, property damage, or damage to the unit:
    • Install all batteries correctly, with + and - aligned as marked on the unit.
    • Do not mix batteries (old and new or carbon and alkaline, etc.).
    • Remove batteries when the unit is not used for a long time.

Note to the CATV system installer : This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Example of Antenna Grounding as per NEC - National Electric Code

GROUND CLAMP
ANTENNA LEAD IN WIRE
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
GROUNDING CONDUCTORS (NEC SECTION 810-21)
GROUND CLAMPS
ELECTRIC SERVICE EQUIPMENT
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)

☑ **Precaution**

Do not place the unit on the furniture that is capable of being tilted by a child and an adult leaning, pulling, standing or climbing on it. A falling unit can cause serious injury or even death.

FCC WARNING

This apparatus may generate or use radio frequency energy. Changes or modifications to this apparatus may cause harmful interference unless the modifications are expressly approved in the manual. The user could lose the authority to operate this apparatus if an unauthorized change or modification is made.

RADIO-TV INTERFERENCE

This apparatus has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This apparatus generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this apparatus does cause harmful interference to radio or television reception, which can be determined by turning the apparatus off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1) Reorient or relocate the receiving antenna.
2) Increase the separation between the apparatus and receiver.
3) Connect the apparatus into an outlet on a circuit different from that to which the receiver is connected.
4) Consult the dealer or an experienced radio/TV technician for help.

DECLARATION OF CONFORMITY

Trade Name:	MAGNAVOX	**Responsible Party:**	FUNAI CORPORATION, Inc.
Model:	37MD350B / 32MD350B	**Address:**	19900 Van Ness Avenue, Torrance, CA 90501 U.S.A.
		Telephone Number:	1-866-341-3738

This Class B digital apparatus complies with Canadian ICES-003. Standard Television Receiving Apparatus, Canada BETS-7 / NTMR-7

This apparatus should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided. Make sure to leave a space of 3.2 inches (8cm) or more around this apparatus.

Disconnect the mains plug to shut off when find trouble or not in use. The mains plug shall remain readily operable. Tipping, shaking, or rocking the unit may cause injury / death.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
WARNING: Batteries (battery pack or battery installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

Like all LCD products, this set contains a lamp with Mercury, please dispose of according to all Local, State and Federal laws. For the disposal or recycling information, contact: www.mygreenelectronics.com or www.eiae.org

WARNING: To prevent injury, this apparatus must be securely attached to the wall in accordance with the instructions.

LASER SAFETY

This apparatus is classified as a CLASS 1 LASER PRODUCT. This apparatus employs a laser. Only a qualified service person should remove the cover or attempt to service this apparatus, due to possible eye injury.
CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CLASS 1 LASER PRODUCT
CLASSE 1 PRODUIT LASER
PRODUCT CON LASER CLASE 1

IMPORTANT COPYRIGHT INFORMATION

Unauthorized copying, broadcasting, public performance and lending of discs are prohibited. This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

TO AVOID THE HAZARDS OF ELECTRICAL SHOCK AND FIRE
- Do not handle the AC power cord with wet hands.
- Do not pull on the AC power cord when disconnecting it from an AC outlet. Grasp it by the plug.
- Do not put your fingers or objects into the unit.

LOCATION AND HANDLING
- Do not install the unit in direct sunlight, near strong magnetic fields, or in a place subject to dust or strong vibration.
- Avoid a place with drastic temperature changes.
- Install the unit in a horizontal and stable position. Do not place anything directly on top or bottom of the unit. Depending on your external devices, noise or disturbance of the picture and/or sound may be generated if the unit is placed too close to them. In this case, please ensure enough space between the external devices and the unit.
- Depending on the environment, the temperature of this unit may increase slightly. This is not a malfunction.
- Be sure to unplug the AC power cord from the AC outlet before carrying the unit.

DEW CONDENSATION WARNING
- Dew condensation may form inside the unit in the following conditions. If so, do not use this unit at least for a few hours until its inside gets dry.
  - The unit is moved from a cold place to a warm place.
  - Under conditions of high humidity.
 - After heating a cold room.

NOTE ABOUT RECYCLING
- This unit's packaging materials are recyclable and can be reused.
  Please dispose of any materials in accordance with your local recycling regulations.
- Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.
- For product recycling information, please visit - *www.magnavox.com*

WHEN CARRYING THIS UNIT
- At least 2 people are required when carrying this unit.
- Make sure to hold the upper and bottom frames of the TV firmly as illustrated.
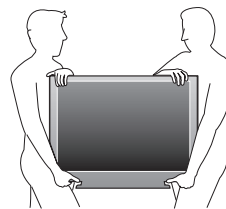
☑ **Trademark Information**

- HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
- Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
- **DVD** is a trademark of DVD Format/Logo Licensing Corporation.

The American Academy of Pediatrics discourages television viewing for children younger than two years of age.

☑ **Symbols Used in this Manual**

The following is the description for the symbols used in this manual. Description refers to:

TV FUNCTIONS	DVD FUNCTIONS
TV : Analog TV operation	**DVD** : Playback of DVD-video
DTV : Digital TV operation	**CD** : Playback of audio CD
• If neither symbol appears under the function heading, operation is applicable to both.	• If neither symbol appears under the function heading, operation is applicable to both.

☑ **Supplied Accessories**

user manual
(1EMN25919A)

quick start guide
For 37MD350B
(1EMN25960)
For 32MD350B
(1EMN25920)
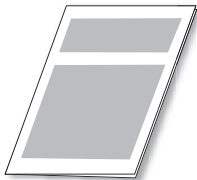
remote control
(NF801UD)

registration card
(1EMN24699)

For 37MD350B only
AC power cord
(WAV0162LW001) or
(WAV0162LTE03) or
(WAV152ZHN001)

batteries
(AAA, 1.5V x 2)

AAA
AAA

screw kit for attaching the stand
  For 37MD350B 3 screws (1ESA20208)
  For 32MD350B 4 screws (1ESA19508)

• If you need to replace these accessories, please refer to the part No. with the illustrations and call our toll free customer support line found on the cover of this manual.

Note:
 • For 32MD350B, nonremovable AC power cord is already fixed on the unit.

☑ **Attaching the Stand**

You must attach the stand to the unit to have it as a table top unit. Be sure the front and rear of the stand match the proper direction.

1 Spread a thick and soft cloth over a table as shown below.
Place the main unit face down onto it. Make sure not to damage the screen. At least 2 people are required at this step.

2 Align the 2 stand hooks with the two hooks under the bottom of the main unit (shown by arrow ①), then slide the stand in the direction as shown by arrow ② until it stops and the mounting holes are aligned.

For 32MD350B
Make sure not to put the AC power cord between the stand and the unit.

3 Drive Phillips pan screws in threaded holes at the bottom of the stand until they are tight.

② front side ①
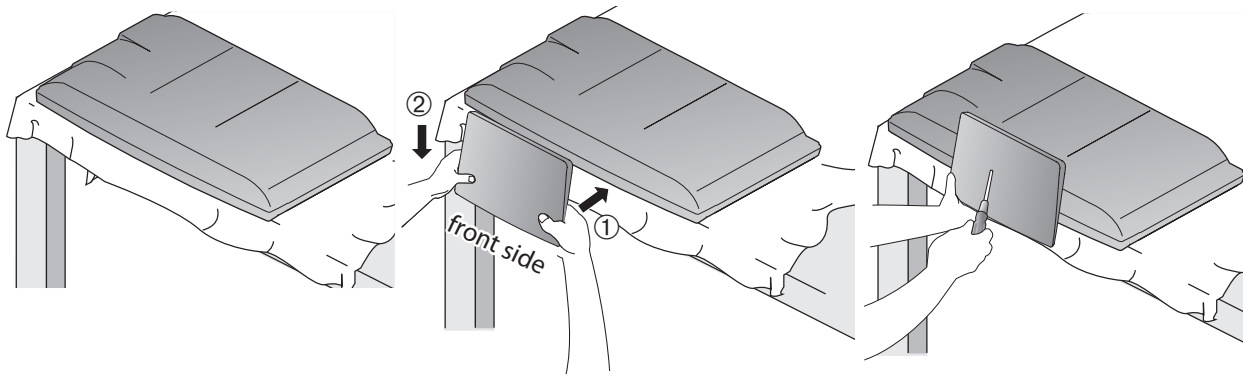
To remove the stand from this unit
  Unscrew the Phillips pan screws on step **3**.
  After the screws are removed pull the stand up toward the rear of the unit. Be careful not to drop the stand when you remove it.

Note:
  • When attaching the stand, ensure that all screws are tightly fastened. If the stand is not properly attached, it could cause the unit to fall, resulting in injuries as well as damage to the unit.
  • Make sure to use a table which can support the weight of this unit and is larger than this unit.
  • Make sure the table is in a stable location.

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

☑ **Features**

TV

- **DTV/TV/CATV**
  - You can use your remote control to select channels which are broadcast in digital format and conventional analog format. Also, cable subscribers can access their cable TV channels.
- **Information Display (DTV only)**
  - You can display the title, contents and other information of the current DTV program on the TV screen.
- **Autoprogram**
  - This unit automatically scans and memorizes channels available in your area, eliminating difficult setup procedures.
- **Child Lock**
  - This feature allows you to block children's access to inappropriate programs.
- **Closed Caption Decoder**
  - Built-in closed caption decoder displays text for closed caption supported programs.
- **MTS/SAP Tuner**
  - Audio can be selected from the remote control.
- **Auto Standby**
  - If there is no signal input from the antenna terminal and no operation for 15 minutes, the unit will go into standby mode automatically.
- **Sleep Timer**
  - You can set the unit to go into standby mode after a specific amount of time.
- **Choices for On-screen Language**
  - Select your on-screen language: English, Spanish or French.
- **Stereo Sound Function**
- **PLL Frequency Synthesized Tuning**
  - Provides free and easy channel selection and lets you tune directly to any channel using the number buttons on the remote control.
- **Various Adjustment for Picture and Sound**
  - Customizes image quality to suitable for your room and sets the sound as your preference.
- **HDMI Input**
  - When using HDMI1 Input, you can enjoy this unit as a PC monitor if your PC has DVI output terminal.
- **Component video Input**
- **S-Video Input**
- **AV Input**
- **Digital audio Output**
- **Analog audio Output**

DVD

- **Dolby Digital Sound**
  - Enjoy Dolby Digital multi-channel surround sound when you connect the unit to your Dolby Digital decoder.
- **Still / Fast / Slow / Step Playback**
  - Various playback modes are available including still pictures, fast forward/reverse, slow motion and step frames.
- **DVD Menus in a Desired Language**
  - You can display DVD menus in a desired language, if available on a DVD-video.
- **Auto Standby**
  - If there is no operation for 20 minutes, the unit will go into standby mode automatically.
- **Parental Lock**
  - Block the viewing of a DVD-video unsuitable for children.
- **Resume Playback**
  - Lets you resume playback from the point at which playback was stopped.
- **Bit Rate Indication**
- **DRC (dynamic range control)**
  - You can control the range of sound volume.

Accessing from **[MODE]** button

During playback

- **Subtitles in a Desired Language**
  - You can select a desired language for displaying subtitle, if that language is available on a DVD-video.
- **Selecting a Camera Angle**
  - You can select the desired camera angle, if a DVD contains sequences recorded from different angles.
- **Zoom**
  - Allows you to enlarge the size of picture image.
- **Black Level Adjustment**
- **Virtual Surround**
- **Search**
  - chapter search / title search / track search / time search
- **Marker**
  - The part on the disc designated by user can be called back.
- **Repeat**
  - chapter / title / track / all / A-B

Accessing from **[MODE]** button

In stop mode

- **Program Playback for audio CD**
  - You can program the order of tracks to play them back in designated order.
- **Random Playback for audio CD**
  - This unit can shuffle the order of tracks to play them back in randomly.

Accessing from **[SAP/AUDIO]** button

During playback

- **Choices for Audio Language and Stereo Sound Function**
  - Select your desired languages or stereo sound function when different options are available on your disc.

☑ Contents

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

☑ **Control Panel**

— VOLUME +   MENU   — CHANNEL +   ⏏   ■   ►   ⏻ POWER

☑ **Terminals**

VIDEO

S-VIDEO

AUDIO

HDMI 2

SERVICE TERMINAL

HDMI IN
HDMI 1
HDMI 3
Recommended

AUDIO OUT

COMPONENT

DIGITAL AUDIO OUT (COAXIAL)

ANTENNA B

37MD350B only

Note:

∗ service terminal (service use only)
- *Use this terminal only when a software update is necessary.*
- *User should not connect any devices to the service terminal such as digital camera, keyboard, mouse, etc. (because these will not work).*
- *The software update is, in most cases, handled by an authorized service person or in some circumstances the user may be asked to do the software upgrade themselves.*

1. ⏻ **POWER** (p. 17)
   Press to turn the unit on and go into standby mode. To completely turn off the unit, you must unplug the AC power cord.
2. ► (play) (p. 38)
   Press to begin the disc playback.
3. ■ (stop) (p. 38)
   Press to stop the disc playback.
4. ⏏ (eject) (p. 38)
   Press to eject the disc.
5. **CHANNEL + / −** (p. 18 / p. 19)
   Press to select channels or move up (+) / down (−) through the main menu items.
6. **MENU** (p. 17 / p. 46)
   Press to display the main menu.
7. **VOLUME + / −** (p. 18)
   Press to adjust the volume or move right (+) / left (−) through the main menu items.
8. **Infrared sensor Window**
   Receives infrared rays transmitted from the remote control.
9. **POWER ON indicator**
   Lights up green when power is on.
10. **STAND BY indicator**
    Lights up red when the unit goes into standby mode.
11. **DVD indicator**
    Lights up orange when the disc is inserted.

[Side Panel]
12. **Disc loading slot** (p. 38)
    Insert the disc with the label side facing forward.
13. **S-Video Input jack** (p. 14)
    S-Video cable connection from an external device.
14. **Video Input jack** (p. 15)
    Video cable connection from an external device.
15. **Audio Input jack** (p. 14 / p. 15)
    Audio cable connection from an external device.
16. **HDMI 2 Input jack** (p. 12 / p. 13)
    HDMI connection from HDMI device.

[Rear Panel]
17. **AC power cord (AC power cord Inlet for 37MD350B)** (p. 16)
    Connect the supplied AC power cord for a standard AC outlet.
18. **Cable management** (p. 16)
    Use this holder to bundle the cables.
19. **Component video and Audio Input jack** (p. 12 / p. 14)
    Component video cable and audio cable connection from an external device.
20. **Audio Output jack** (p. 15)
    Audio cable connection for an external device.
21. **Audio Input jack for HDMI 1** (p. 13 / p. 16)
    Audio cable connection from a DVI device. When you connect your PC that has a DVI terminal, use a stereo mini plug conversion cable as well. (For HDMI 1 Input jack only)
22. **Digital audio Output jack** (p. 15)
    Coaxial digital cable connection for a decoder or an audio receiver.
23. **Antenna Input jack** (p. 12)
    RF coaxial cable connection for your antenna or cable TV signal.
24. **HDMI 1 Input jack** (p. 12 / p. 13 / p. 16)
    HDMI connection for HDMI or DVI device. When you connect your PC that has a DVI terminal, you can enjoy this unit as a PC monitor.

[37MD350B only]
25. **HDMI 3 Input jack** (p. 12 / p. 13)
    HDMI connection from HDMI device.

☑ **Remote Control Function**
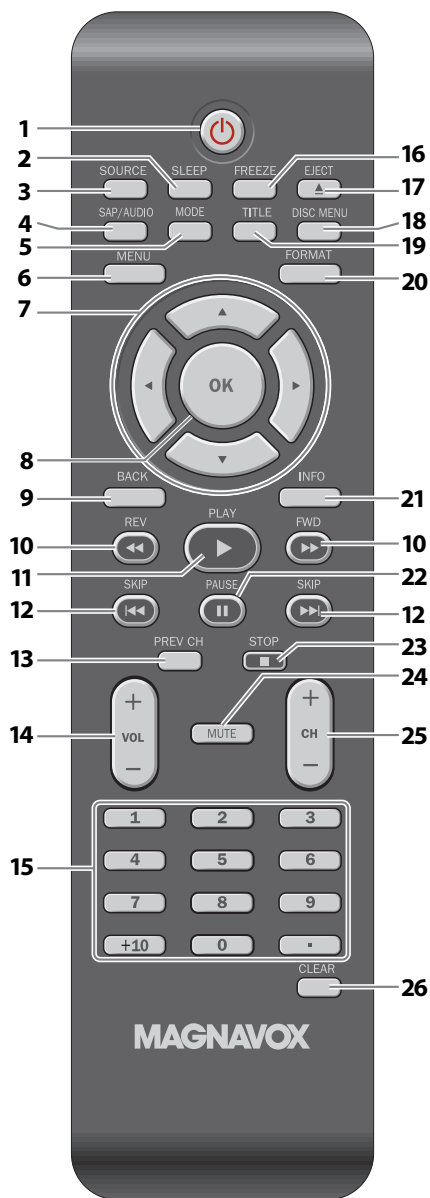
When using a universal remote control to operate this unit.

• *Make sure the component code on your universal remote control is set to our brand.*
Refer to the manual accompanying your remote control for more details.

1. ⏻ **(power)** (p. 17)
   Press to turn the unit on and go into standby mode. To completely turn off the unit, you must unplug the AC power cord.
2. **SLEEP** (p. 18)
   Press to activate the sleep timer.
3. **SOURCE** (p. 19)
   Press to access connected external devices like a BD/DVD recorder.
4. **SAP/AUDIO** (p. 7 / p. 19 / p. 44)
   Digital mode (DTV)
   • Press to select the audio language.
   Analog mode (TV)
   • Press to select the audio mode.
   DVD mode
   • Press to select the audio language (DVD), or sound mode (CD).
5. **MODE** (p. 7)
   • Press to arrange the playing order or playback randomly (CD).
   • Press to set the black level (DVD) and the virtual surround on or off.
   • Press to change the camera angle to see the sequence being played back from different angle (DVD).
   • Press to search chapter, title (DVD), track (CD) or time.
   • Press to set the marker.
   • Press to repeat playback chapter, title (DVD), track, disc (CD) repeatedly or between designated point A and B.
   • Press to magnify the part of picture (2x and 4x : DVD).
   • Press to select the subtitles on a disc (DVD).
6. **MENU** (p. 17 / p. 46)
   Press to display the main menu.
7. ◄ / ► / ▲ / ▼ (cursor) (p. 17)
   Press to move left / right / up / down through the items.
8. **OK** (p. 17)
   Press to decide the command of setting when the main menu is displayed.
9. **BACK** (p. 20)
   Press to return to the previous menu operation.

10. REV ◄◄ / FWD ►► (p. 39)

Press to begin slow forward or slow reverse playback during the pause mode (DVD) and search forward or backward through a disc.

11. PLAY ► (p. 38)

Press to begin the disc playback.

12. SKIP I◄◄ / ►►I (p. 40)

Press to skip forward or backward chapters, titles (DVD) or tracks (CD).

13. PREV CH (p. 18)

Press to return to the previous channel.

14. VOL + / − (p. 18)

Press to adjust the volume.

15. Number buttons (p. 18)

- Press to select channels.
- Press to select chapter, title (DVD), or track (CD) directly.
- **• (dot)**
- Press to shift the subchannel from the main channel.
- **+10 button**
- Press to select 10 or higher number of chapters.

16. FREEZE (p. 19)

TV mode

- Press to pause screen image.

17. EJECT ▲ (p. 38)

Press to eject the disc.

18. DISC MENU (p. 38)

Press to display the menu on a disc.

19. TITLE (p. 38)

Press to display the title menu (DVD).

20. FORMAT (p. 21)

Press to select aspect ratio available for the TV screen.

21. INFO (p. 20 / p. 43)

Digital mode (DTV)

- Press to display the channel information, signal type and TV setting.

Analog mode (TV)

- Press to display the channel number, signal type and TV setting.

External input mode

- Press to display the external input modes, signal type and TV setting.

DVD mode

- Press to display the current status.

22. PAUSE II (p. 38)

DVD mode

- Press to pause the disc playback.

23. STOP ■ (p. 38)

Press to stop the disc playback.

24. MUTE (p. 18)

Press to turn the sound on and off.

25. CH + / − (p. 18 / p. 19)

Press to select channels and the external input modes.

26. CLEAR (p. 41)

- Press to clear the numbers entered incorrectly.
- Press to cancel the point A for A-B repeat.
- Press to remove the track number in program input (CD).

☑ **Installing the Batteries**

Install the batteries (AAA, 1.5V x 2) matching the polarity indicated inside battery compartment of the remote control.
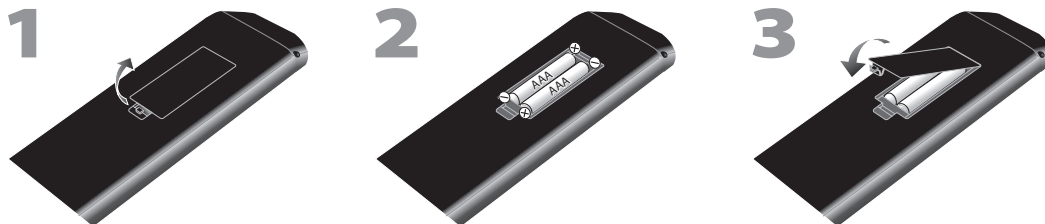
Battery Precautions:

- *Be sure to follow the correct polarity as indicated in the battery compartment. Reversed batteries may cause damage to the device.*
- *Do not mix different types of batteries together (e.g., Alkaline and Carbon-Zinc, or rechargeable batteries like ni-cad, ni-mh, etc) or old batteries with fresh ones.*
- *If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.*
- *Do not try to recharge batteries; they can overheat and rupture.*

No supplied cables are used in this connection:

Please purchase the necessary cables at your local store.
High Speed HDMI cable (also known as HDMI category 2 cable) is recommended for the better compatibility.

Before you connect...
Be sure your antenna or other device is connected properly before plugging in the AC power cord.

☑ Antenna Connection

Connect the RF coaxial cable on your home outlet to the antenna input jack of this unit.
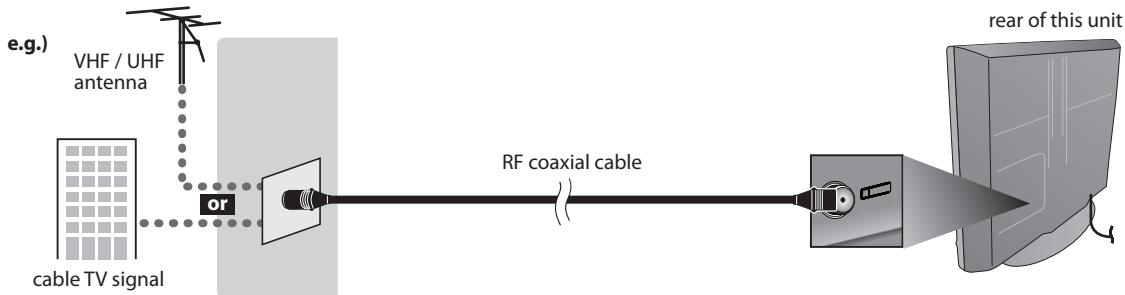
* Once connections are completed, turn on the unit and begin initial setup. Channel scanning is necessary for the unit to memorize all available channels in your area. Refer to "Initial Setup" on page 17.

Note:
- *If you have any question about the DTV's antenna, visit www.antennaweb.org for further information.*
- *Depending on your antenna system, you may need different types of combiners (mixers) or separators (splitters). Contact your local electronics store for these items.*
- *For your safety and to avoid damage to this unit, please unplug the RF coaxial cable from the antenna input jack before moving the unit.*
- *If you use an antenna to receive analog TV, it should also work for DTV reception. Outdoor or attic antennas will be more effective than settop versions.*
- *To switch your reception source easily between antenna and cable, install an antenna selector.*
- *If you are not receiving a signal from your cable service, contact the Cable provider.*

☑ Connection to Cable Receiver or Satellite Box

Use an HDMI or an component video cable to connect the HDMI or the Component video Input jack of the unit to the HDMI or the component video output jack of the cable receiver / satellite box.
If you connect to the unit's Component video Input jack, connect audio cables to the Audio L/R jacks below the Component video connector.
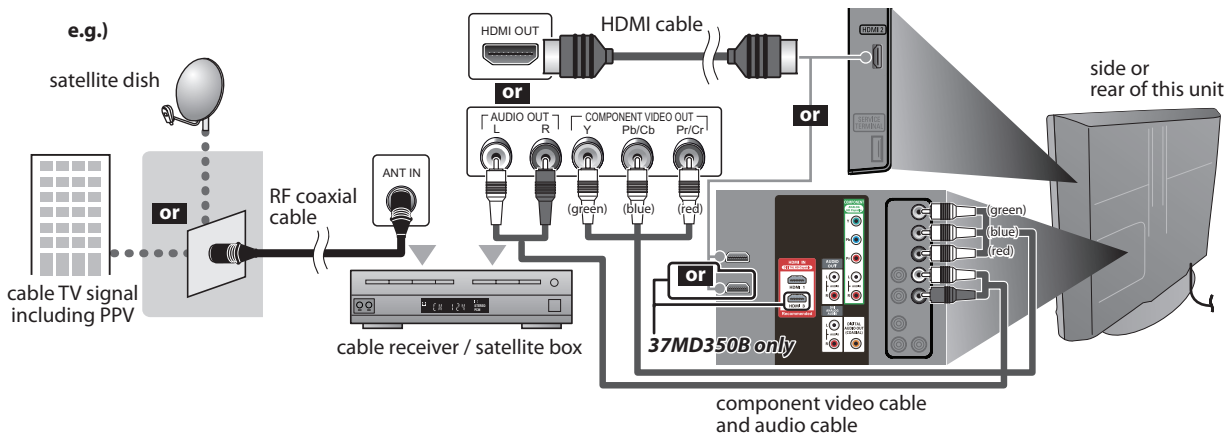
* You can also connect this unit to the cable receiver or satellite box other than the HDMI or the component video output jack because they might have different output jacks.
* Required cables and connecting methods of the cable receiver / satellite box, or the availability channel for the clear QAM may differ depending on the cable / satellite provider. For more information, please contact your cable / satellite provider.

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

No supplied cables are used in this connection:

Please purchase the necessary cables at your local store.
High Speed HDMI cable (also known as HDMI category 2 cable) is recommended for the better compatibility.

☑ **External Device Connection**

[HDMI Connection]

HDMI connection offers the highest picture quality.
HDMI (High-Definition Multimedia Interface) transports high definition video and multi-channel digital audio through a single cable.

e.g.)

BD/DVD recorder
with the HDMI output jack

HDMI OUT

HDMI cable

side or
rear of this unit

or

or

37MD350B only
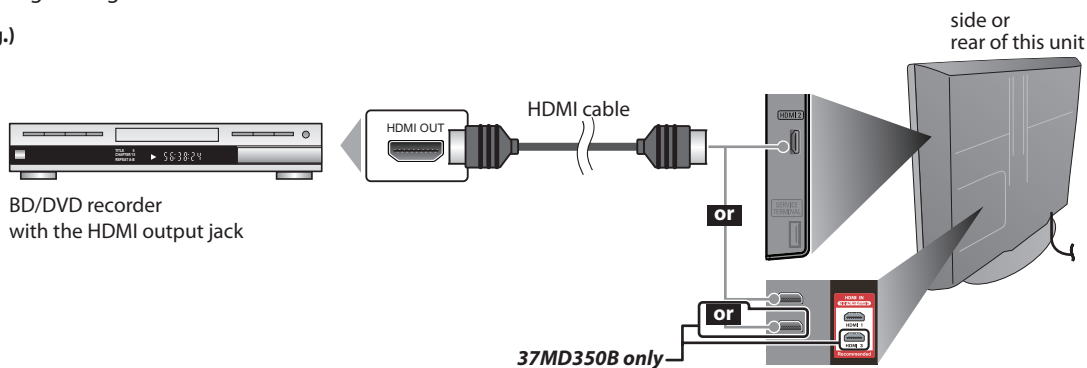
Note:

- *This unit accepts 480i / 480p / 720p / 1080i video signals, and 32kHz / 44.1kHz / 48kHz audio signals.*
- *This unit accepts only 2 channel audio signal (LPCM).*
- *You need to select "PCM" for the digital audio of the device you connected or check the HDMI audio setting.*
  There may be no audio output if you select "Bitstream", etc.
- *This unit only accepts signals in compliance with EIA861.*

[HDMI-DVI Connection]

Use an HDMI-DVI conversion cable to connect the unit to external video devices equipped with DVI output jack.

e.g.)

cable receiver or satellite box
with the DVI output jack

DVI OUT

AUDIO OUT
L   R

HDMI-DVI
conversion cable

To HDMI1
Input jack only

rear of this unit

37MD350B only

audio cable
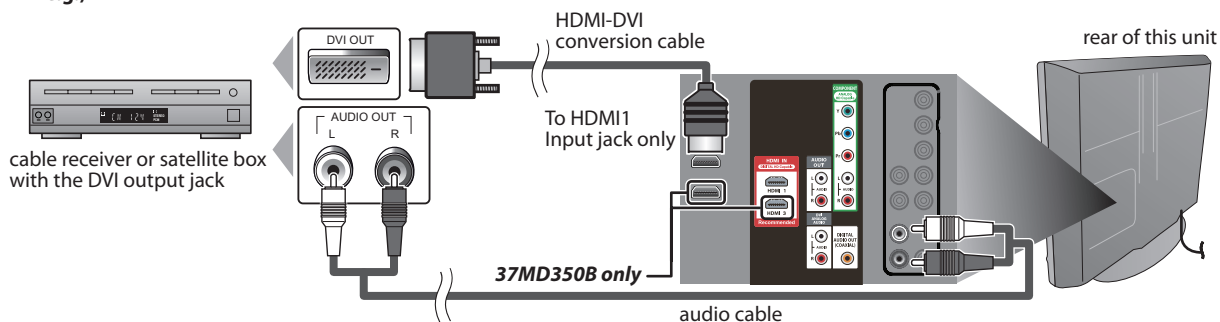
Note:

- *This unit accepts 480i / 480p / 720p / 1080i video signals.*
- *HDMI-DVI connection requires separate audio connections as well.*
- *Audio signals are converted from digital to analog for this connection.*
- *DVI does not display 480i image that is not in compliance with EIA/CEA-861/861B.*

No supplied cables are used in this connection:
Please purchase the necessary cables at your local store.

[Component video Connection]

Component video connection offers better picture quality for video devices connected to the unit.
If you connect to the unit's Component video Input jack, connect audio cables to the Audio L/R jacks below the Component video connector.

e.g.)
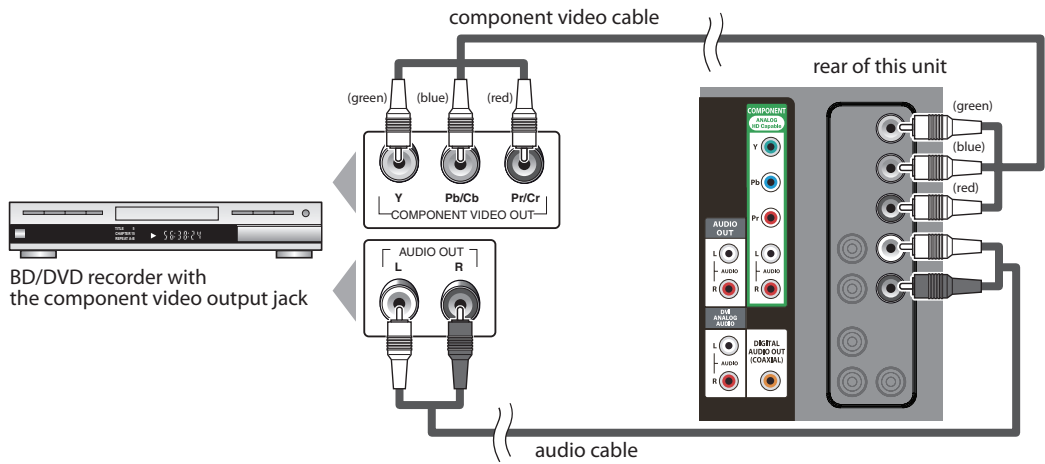
Note:
• This unit accepts 480i / 480p / 720p / 1080i video signals.

[S-Video Connection]

S-Video connection offers good picture quality for video devices connected to the unit.
If you connect to the unit's S-Video Input jack, connect audio cables to the Audio L/R jacks below the Video connector.

e.g.)
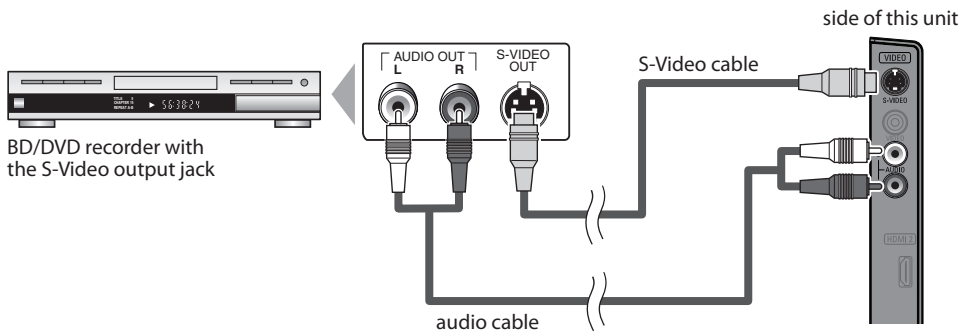
Note:
• If you connect to the S-Video Input jack and the Video Input jack at the same time, the S-Video connection will have priority.

No supplied cables are used in this connection:
Please purchase the necessary cables at your local store.

[Video Connection]

Video connection offers standard picture quality for video devices connected to the unit.
If you connect to the unit's Video Input jack, connect audio cables to the Audio L/R jacks below the Video connector.
When the audio jack of the video device is monaural, connect an audio cable to the Audio L Input jack.

e.g.)
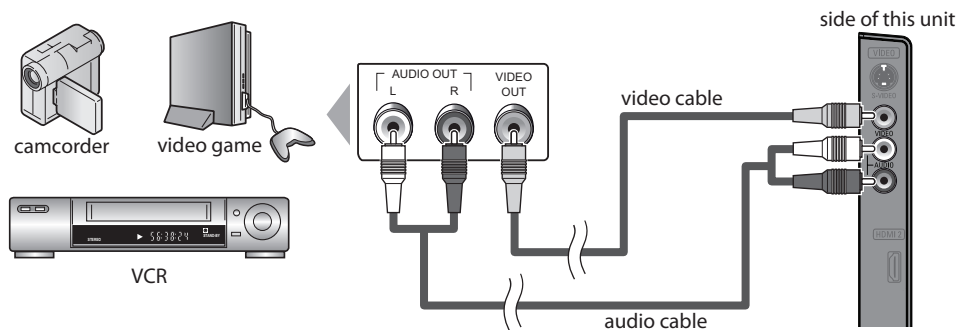
Note:
• If you connect to the S-Video Input jack and the Video Input jack at the same time, the S-Video connection will have priority.

[Audio Output Connection]

✱ **Digital** (for digital broadcasting and DVD functions only)
If you connect this unit to an external digital audio device, you can enjoy multi-channel audio like 5.1ch digital broadcasting sound.
Use a digital audio coaxial cable to connect the unit to external digital audio devices.

✱ **Analog** (for both analog and digital broadcasting)
If you connect this unit to an external analog audio device, you can enjoy stereo (2-channel) audio.
Use an audio cable to connect the unit to external analog audio devices.

e.g.)
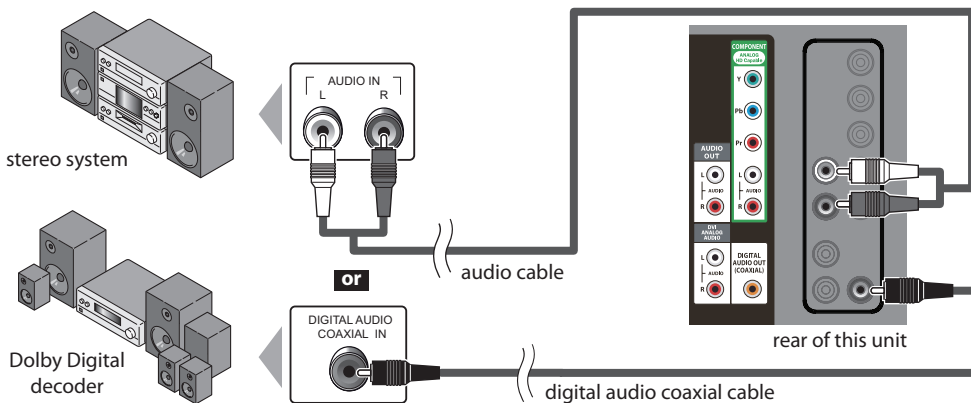
No supplied cables are used in this connection:
Please purchase the necessary cables at your local store.

[PC Connection]

This unit can be connected to your PC that has a DVI terminal.
Use an HDMI-DVI conversion cable for this connection and it requires stereo mini plug conversion cable as well.
If you connect this unit to your PC, you can use this unit as a PC monitor.

e.g.)

stereo mini plug conversion cable

To HDMI1 Input jack only

rear of this unit

HDMI-DVI conversion cable

personal computer

HDMI-DVI conversion cable should be with ferrite core.

37MD350B only
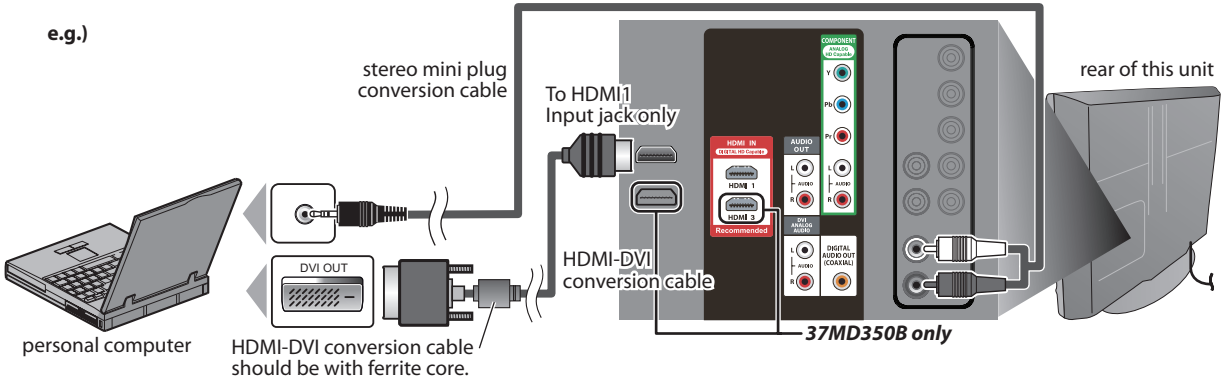
The following signals can be displayed:

Format	Resolution	Refresh rate
VGA	640 x 480	60Hz
SVGA	800 x 600	60Hz
XGA	1,024 x 768	60Hz

Format	Resolution	Refresh rate
WXGA	1,280 x 768	60Hz
	1,360 x 768	60Hz

Other formats or non-standard signals will not be displayed correctly.

Note:
• Please purchase the HDMI-DVI conversion cable that has a ferrite core.
• The following operations may reduce noise.
- Attach a ferrite core to the AC power cord of your PC.
- Unplug the AC power cord and use the built-in battery of your PC.

☑ Cable Management

Keep the cables through this holder to avoid tangle them.

rear of this unit

37MD350B

rear of this unit
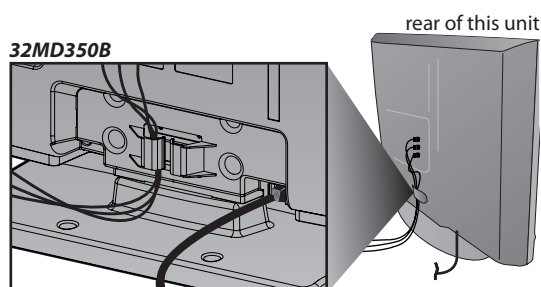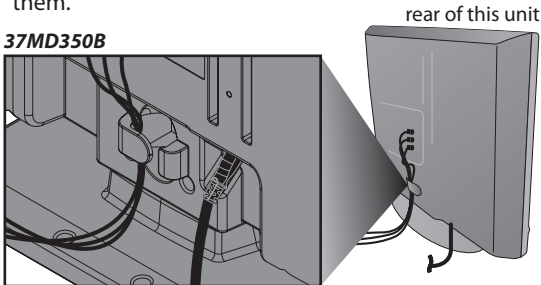
32MD350B

☑ Plug In the AC Power Cord

Make sure that the AC power cord must be plugged to an AC outlet after all the necessary connections are completed.

rear of this unit

AC outlet
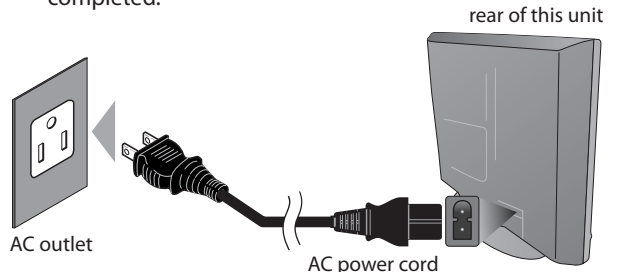
AC power cord

* For 32MD350B, nonremovable AC power cord is already fixed on the unit.

Caution:
• Do not connect the AC power cord to a power supply outside the indicated voltage of this unit (AC 120V). Connecting the AC power cord to a power supply outside of this range may result in fire or electrical shocks.

Note:
• Each time you plugged in the AC power cord, any operations will not be performed for a few seconds. This is not a malfunction.

These operations are accessible by remote control. Some may also be accessible by controls on the main unit.

TV Functions

☑ **Initial Setup**

This section will guide you through the unit's initial setting which includes selecting a language for your on-screen menu and autoprogram, which automatically scans and memorizes viewable channels.

Before you begin:
Make sure the unit is connected to antenna or cable.

1 After making all the necessary connections, press **[⏻ (power)]** to turn on the unit.

• This operation may take a few moments.

2 Use **[Cursor ▲/▼]** to select the on-screen language from the choices on the right side of the TV screen. (English / Español / Français)

or

Initial Setup
Select the language for setup display.   **English**
Elija el idioma de ajuste.   **Español**
Sélectionner langue écran config.   **Français**

Select   OK   Skip
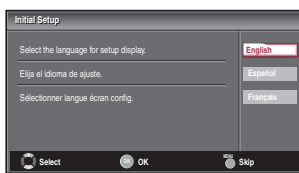
• "Initial Setup" menu on step 3 will be displayed in the selected language after you press **[OK]**.

3 Use **[Cursor ▲/▼]** to select "Antenna" for TV channels or "Cable" for CATV channels, then press **[OK]**.

or

Initial Setup
Make sure the antenna is connected to "ANT. IN" jack.   **Antenna**
Select your signal source.   **Cable**
                                                         Skip

Select   OK   Back   Skip

• "Autoprogram" will begin.

Initial Setup
Now the system is scanning for channels, please wait.
Auto programming will take up to 20 minutes to complete.
0%
Analog channels   0ch
Digital channels   0ch
                                        Skip
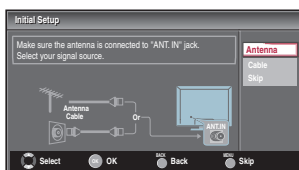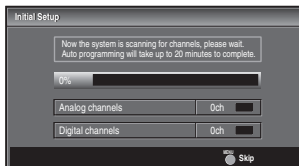
4 Use **[Cursor ◄/►]** to select the desired location setting, then press **[OK]**.

or

Initial Setup
Select "Retail" or "Home" for your location.

                    Retail   Home
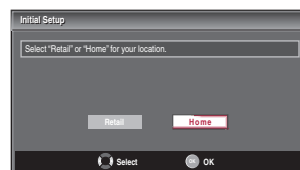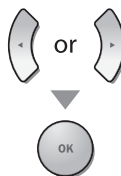
Select   OK

• Select "Retail", the unit will be set up with predefined setting for retail displays.
• Select "Home", the unit is set to maximize the energy efficiency for home setting and it can be adjusted through a choice of picture and sound quality according to your preference.
• When the initial setup is completed, the lowest memorized channel with the confirmation message of the location setting will be displayed on the TV screen.
• You must set "Home" in step 4. Otherwise, the settings of picture and sound quality you adjusted will not be memorized after the unit goes into standby mode.

Note:
• If you are not receiving a signal from your cable service, contact the Cable provider.
• If you press [⏻ (power)] or [MENU] during autoprogram, this setting will be canceled.
• The initial autoprogram function can be executed for either "Antenna" or "Cable" only once. When you change the connection (Antenna / Cable), set autoprogram again. Refer to page 22.
• If there is no signal input from the antenna terminal and no operation for several seconds after you turn on the unit, "Helpful Hints" appears. Follow the instructions listed on the TV screen.

Initial Setup
No channel is registered.   **Retry**
Try Autoprogram again?   **Later**
Verify that you have a cable connected to the " ANT. IN" jack on the
back of the TV, the channel installation process searches this
connection. If you are using a cable or satellite box, please confirm
the input which you have connected the box and press "SOURCE"
key on the remote control to select the appropriate source input.

Select   OK   Skip

After an initial setup is completed...

• If you want to scan the channels automatically again, refer to "Autoprogram" on page 22.
• You can add the desired channels unmemorized by "Autoprogram". Refer to "Add Channels" on page 23.
• If you want to change to another language, refer to "Language Selection" on page 24.
• If you want to change the location setting, refer to "Location" on page 35.

☑ Channel Selection

Select channels by using [CH + / −] or [the Number buttons].

- To select the memorized channels, use **[CH + / −]** or **[the Number buttons]**.
- To select the non-memorized channels, use **[the Number buttons]**.

To Use [the Number buttons]

TV

- When selecting analog channel 11

  1 ➔ 1 ➔ OK

DTV

- When selecting digital channel 11.1
  Be sure to press **[•]** before
  entering the subchannel number.

  1 ➔ 1 ➔ • ➔ 1 ➔ OK

- Press **[PREV CH]** to return to the previously viewed channel.

About digital TV broadcasting:

With its high definition broadcast, digital broadcasting far surpasses analog broadcasting in both its picture and sound quality. Not all digital TV broadcasts are high definition (HD). To confirm whether your watching TV program is in HD, refer to the program guide, contact your cable / satellite provider or local TV stations.

NTSC (analog mode)	Air time	ATSC (digital mode)		
CH4 (Soccer)	6:00pm	CH4-1 (Soccer) main channel		
CH4 (Soccer)	6:30pm	CH4-1 (Soccer) main channel	CH4-2 (News) NEWS subchannel	CH4-3 (Tennis) subchannel
CH4 (Soccer)	7:00pm	CH4-1 (Soccer) main channel		
CH4 (Soccer)	7:30pm	CH4-1 (Soccer) main channel	CH4-2 (News) NEWS subchannel	
	8:00pm	⟺ can be changed by using **[CH + / −]**.		
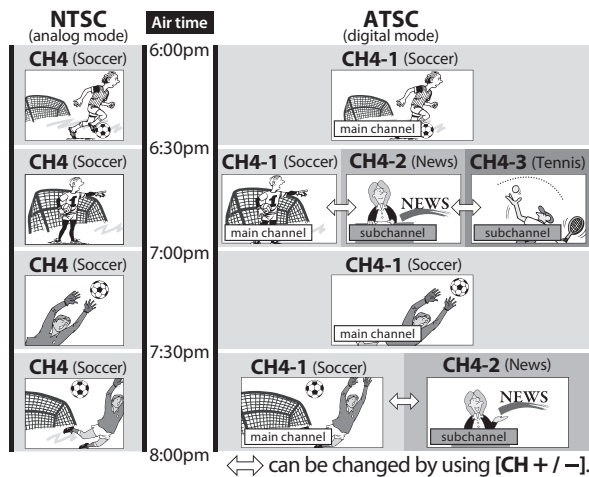
What is the subchannel?

By using high compression technology, digital broadcasting offers a service that enables multiple signals to send simultaneously.

Therefore, you can select more than one program per main channel since digital broadcasting technology distinguishes between multiple channels broadcast by a single network.

Note:
- *"No Signal" will appear on the TV screen after the subchannel broadcast is over.*
- *"Audio only program" message will appear on the TV screen, when you receive only sound signal.*

☑ Volume Adjustment

This section describes how to adjust the volume. The mute function, which turns the sound off and on, is also described.

Use **[VOL + / −]** to adjust the audio volume.

+
VOL
−

🔊 Volume 30

The volume bar will be displayed at the bottom of the TV screen when adjusting the volume.

- The volume bar will automatically disappear in a few seconds.

Press **[MUTE]** to turn off and on the sound.

MUTE ⊠ Mute

"Mute" is displayed on the TV screen for a few seconds.

Press **[MUTE]** again or **[VOL + / −]** to recover the original volume.

☑ Sleep Timer

The sleep timer can set the unit to go into standby mode after an incremental period of time.

1 Press **[SLEEP]** to set the sleep timer.

SLEEP ⏲ Sleep Off
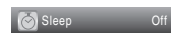
Sleep timer display appears on the TV screen.

2 Press **[SLEEP]** repeatedly to change the amount of time until shut off.

SLEEP ⏲ Sleep 120min.

You can set your unit to turn off after a set period of time (from 30 to 120 minutes).

- Each press of **[SLEEP]** will increase the time by 30 minutes.
- After setup, the sleep timer display can be called up for checking by pressing **[SLEEP]**.

To cancel the sleep timer

Press **[SLEEP]** repeatedly until "Sleep Off" is displayed on the TV screen.

Note:
- *The sleep timer display will automatically disappear in a few seconds.*
- *When you disconnect the unit from the AC outlet or when a power failure occurs, the sleep timer setting will be canceled.*

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

☑ **Still Mode**

You can pause the image shown on the TV screen.

Press **[FREEZE]** to pause the image shown on the TV screen.

FREEZE

⏸ FREEZE

- The sound output will not be paused.
- If no signal is detected or protected signal is received during still mode, the image remains paused and the sound output will be muted.
- The still function will be released after 5 minutes.

To cancel still mode, press any button except **[⏻ (power)]**.

☑ **Switching Each Input Mode**

You can easily switch with the remote control between TV (ATSC or NTSC) and external devices when they are connected to the unit.

Press **[SOURCE]** or **[CH +]** repeatedly to cycle through the input modes.

37MD350B

Source
TV
Video
Component
HDMI1
HDMI2
HDMI3

32MD350B

Source
TV
Video
Component
HDMI1
HDMI2

SOURCE

or

+
CH
−

DTV/TV channel
↓
Video
↓
Component
↓
HDMI1
↓ (or PC input)
HDMI2
↓
HDMI3

DTV/TV channel
↓
Video
↓
Component
↓
HDMI1
↓ (or PC input)
HDMI2
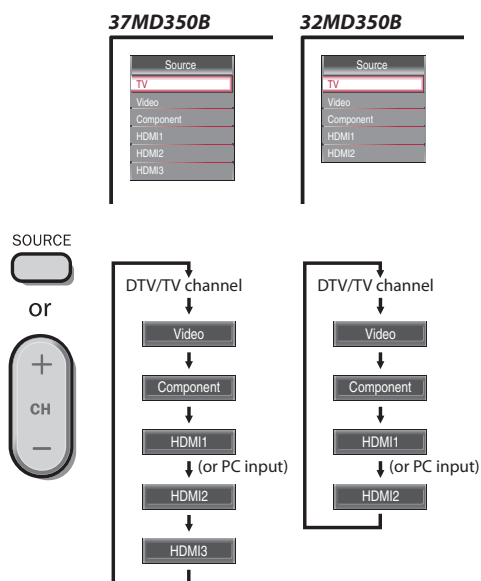
- Pressing **[CH −]** reverses the direction of the input modes.

☑ **Switching Audio Mode**

This section describes how to switch the audio in the analog mode and how to switch the audio language in the digital mode.

TV

Press **[SAP/AUDIO]** to display the currently selected audio mode. While receiving an MTS broadcast, press repeatedly to cycle through the available audio channel.

SAP/AUDIO

11
SAP / STEREO

When all audio are available

SAP / STEREO → **SAP / MONO**

SAP / STEREO ←

When stereo and monaural audio are available

MONO / STEREO ↔ **MONO / STEREO**

When SAP and monaural audio are available

SAP / MONO ↔ **SAP / MONO**

When only monaural audio is available

MONO

(cannot be switched)

STEREO : Outputs stereo-audio
SAP : Outputs second audio program
MONO : Outputs mono-audio

DTV

1 Press **[SAP/AUDIO]** to display the currently selected language and the number of available languages.

SAP/AUDIO

11.1
English 1/3

2 Press **[SAP/AUDIO]** repeatedly to cycle through the available audio languages.

SAP/AUDIO

- Available languages differ depending on the broadcast. "Other" is displayed when the audio language cannot be acquired, or the acquired languages are other than English, Spanish or French.

Note:
- *[SAP/AUDIO] does not control external audio devices.*
- *The information display will automatically disappear in a few seconds.*

☑ **TV Screen Information**

You can display the currently selected channel or other information such as the audio mode on the TV screen.

TV

In the analog mode, the current channel number and the audio mode are displayed.

Press **[INFO]**.

11
SAP / STEREO
480i   SD   4:3
🔒 TV-PG DLSV CC

- The current channel number, audio mode, type of resolutions for video signal, TV aspect ratio, CC and TV program rating are displayed on the top-right corner of the TV screen.
- To clear the display, press **[INFO]** again. You can also press **[BACK]**.

DTV

In the digital mode, the detailed broadcasting information for the current channel such as program title, program guides are displayed.

Press **[INFO]** to display the details of the currently selected program.

Broadcasting information

The following information is displayed.

```
 1        2           3          4
A Day of Memories              KABC        11.1
A quarter-century ago,which may now qualify as the   English 1/2       — 5
good old days of newspapering,run-of-paper sales
accounted for 80 percent of the industry's advertising  1080i  HD  16:9 — 6, 7, 8
revenues.Department stores and supermarket were     Rating     CC    — 9
TV: TV-14                                                             — 10
```
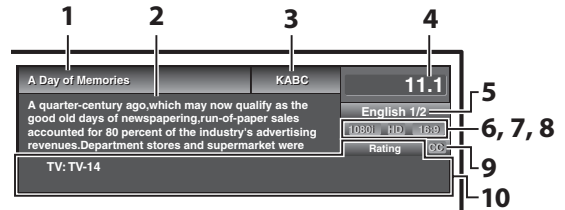
1   program title
2   program guide
    (The program guide added to broadcasting information is displayed to a maximum of 4 lines.)
3   broadcast station
4   channel number
5   audio language
    Refer to "Switching Audio Mode" on page 19.
6   effective scanning lines and scan mode
7   digital TV format
8   program aspect ratio
9   CC (not available if closed caption is set to "Off")
10 child lock rating

Note:

- *When the program guide consists of more than 4 lines, use [Cursor ▲/▼] to scroll.*
- *"No description provided." is displayed when the program guide is not provided.*
- *While the program guide is displayed, the closed caption function is interrupted.*
- *In external input mode, the following screen is displayed; e.g.) When an external device is connected to Video Input jack.*

  Video
  480i   SD
  🔒 TV-PG DLSV CC

- *The information display will automatically disappear in 1 minute.*

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

☑ **TV Screen Display Mode**

4 types of display modes can be selected when the broadcasting station is sending 4:3 or 16:9 video signal. And 3 types of display modes can be selected for PC input signal.

Press **[FORMAT]** repeatedly to switch the TV aspect ratio.

FORMAT

For 4:3 video signal

Normal   16:9
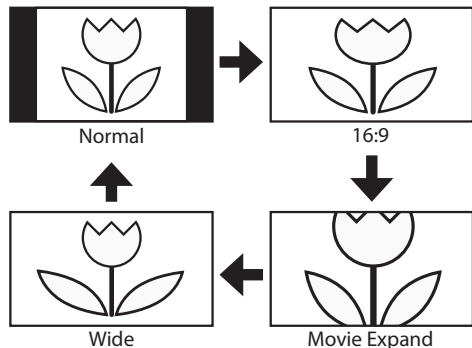
Wide   Movie Expand

Normal
Display a 4:3 picture at its original size. Sidebars appear on both edges of the screen.

16:9
Display a 4:3 picture at a 16:9 size; the picture is stretched horizontally to fill the screen.

Movie Expand
Display a 4:3 picture at a 16:9 size; the picture is stretched horizontally and vertically to fill the screen. This crops out the top and bottom of the picture.

Wide
Display the picture with its center at the original size and the edges stretched horizontally to fill the screen.

For 16:9 video signal

Normal   Zoom
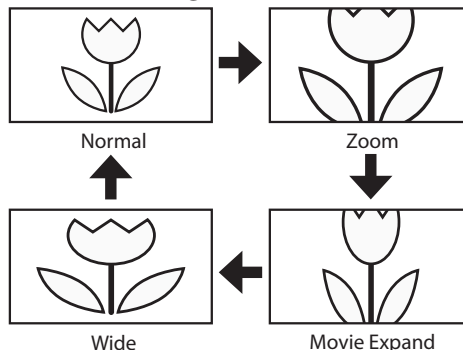
Wide   Movie Expand

Normal
Display a 16:9 picture at its original size.

Zoom
Display a 16:9 picture at its maximum size without changing its horizontal and vertical ratio.

Movie Expand
Display a vertically stretched picture.

Wide
Display a horizontally stretched picture.

For PC input signal through `HDMI1` *Input mode*

Normal   Full
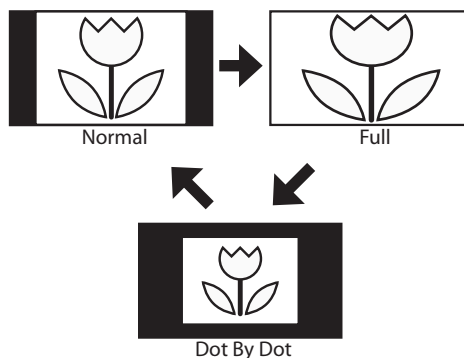
Dot By Dot

Normal
Display a proportionately stretched picture. Sidebars appear on both edges of the screen.

Full
Display a picture that is stretched out of proportion to fill the screen.

Dot By Dot
Display a picture in its original size.

☑ **Main Menu**

This section describes the overview of the main menu displayed when you press [MENU]. For more details, see the reference page for each item. The main menu consists of the function setting items below.

Press **[MENU]**.

MENU

		MAGNAVOX
PICTURE	Smart Picture	*Personal*
SOUND	Brightness	*30*
SETUP	Contrast	*60*
FEATURES	Color	*36*
LANGUAGE	Tint	*0*
DVD	Sharpness	*0*
	Color Temperature	*Normal*

PICTURE

You can adjust the picture quality.
Refer to "Picture Adjustment" on page 25.

SOUND

You can adjust the sound quality.
Refer to "Sound Adjustment" on page 26.

SETUP

• You can automatically scan the viewable channels.
  Refer to "Autoprogram" on page 22.
• You can skip the undesired channels when selecting the channels using **[CH + / −]**.
  Refer to "Channel List" on page 23.
• You can add the channels that were not scanned by the autoprogram.
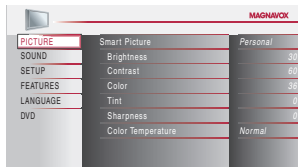 Refer to "Add Channels" on page 23.

FEATURES

• You can change the display format for closed caption, which displays the dialogue of a TV program or other information across the TV screen.
  Refer to "Closed Caption" on page 27.
• You can set the viewing limitations.
  Refer to "Child Lock" on page 30.
• You can adjust the position, stability and clarity of the PC screen.
  Refer to "PC Settings" on page 34.
• You can select the energy saving mode.
  Refer to "Energy Saving Mode" on page 35.
• When you adjust the desired "PICTURE" and "SOUND" mode, you must switch the setting from "Retail" to "Home". Refer to "Location" on page 35.
• You can confirm the version of the software currently used in this unit.
  Refer to "Current Software Info" on page 36.

LANGUAGE

You can change the language (English, Spanish, French) displayed on the main menu.
Refer to "Language Selection" on page 24.

DVD

You can customize some functions for the disc playback. Make sure the unit is in stop mode.
Refer to "DVD SETTING" section on page 46.

☑ **Autoprogram**

If you switch wires (e.g., between antenna and CATV) or if you move the unit to a different area after the initial setting, or if you restore the DTV channel you deleted, you will need to perform autoprogram.

Before you begin: **Make sure the unit is connected to antenna or cable.**

1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "SETUP" , then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Autoprogram	
SOUND	Channel List	
SETUP	Add Channels	
FEATURES	Antenna	
LANGUAGE		
DVD		
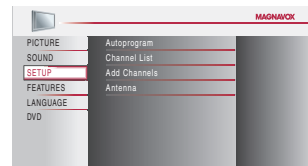
3 Use **[Cursor ▲/▼]** to select "Autoprogram", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Autoprogram	
SOUND	Channel List	
SETUP	Add Channels	
FEATURES	Antenna	
LANGUAGE		
DVD		
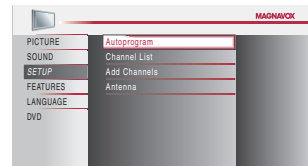
Use **[Cursor ▲/▼]** to select an appropriate option, then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE		Back
SOUND	Autoprogram will rescan all channels. Autoprograming will take up to 20 minutes to complete.	Antenna
SETUP	Select your signal source.	Cable
FEATURES	Antenna	
LANGUAGE		
DVD	Cable Or ANT IN	
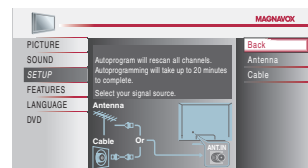
• When aerial antenna is connected, select "Antenna".
• When connected to CATV, select "Cable".
• "Autoprogram" will begin.

Now the system is scanning for channels, please wait. Auto programming will take up to 20 minutes to complete.		
75%		
Analog channels	10 ch	
Digital channels	6 ch	
MENU ● Exit		
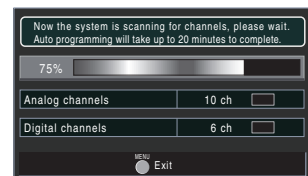
• When the scanning and memorizing are completed, the lowest memorized channel will be displayed.

> *Note:*
> • *After setting "Autoprogram", using **[CH + / −]** on the remote control skips unavailable programs automatically.*
> • *If you are not receiving a signal from your cable service, contact the Cable provider.*
> • *If you press **[⏻ (power)]** or **[MENU]** during autoprogram, the setting will be canceled.*
> • *Even if "Autoprogram" is completed, the channel setting will be lost if the AC power cord is unplugged before the unit goes into standby mode by pressing **[⏻ (power)]**.*
> • *The PIN Code will be required once you set a PIN Code in the "Child Lock". Refer to page 30.*
> • *If you want to change your PIN Code, follow the instruction of "Change PIN". Refer to page 33.*

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

☑ **Channel List**

The channels selected here can be skipped when selecting the channels using [CH + / −].
Those channels can still be selected with [the Number buttons].

1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "SETUP", then press **[OK]**.

or

OK

MAGNAVOX
PICTURE — Autoprogram
SOUND — Channel List
SETUP — Add Channels
FEATURES — Antenna
LANGUAGE
DVD

3 Use **[Cursor ▲/▼]** to select "Channel List", then press **[OK]**.

or

OK

MAGNAVOX
PICTURE — Autoprogram
SOUND — Channel List
SETUP — Add Channels
FEATURES — Antenna
LANGUAGE
DVD

4 Use **[Cursor ▲/▼]** to select the channel you want to remove, then press **[OK]**.

or

OK

MAGNAVOX
PICTURE	DTV 11.1
SOUND	DTV 11.2
SETUP	DTV 11.3
FEATURES	Highlight channels for Ch Up/Down key selection.
LANGUAGE	
DVD	
○ Ch Select ● Watch/Skip ● Back
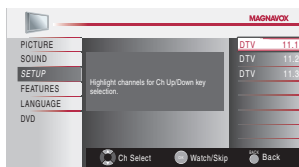
- The channel display for the removed channel darkens. You will not be able to select the channel again using **[CH + / −]**.
- To reactivate a removed channel, use **[Cursor ▲/▼]** and press **[OK]**. The registered channels are highlighted.
- When you remove a main channel, its subchannels are removed as well.

Note:
- *The channel with the "DTV" indicated on the display is ATSC. Otherwise the channel is NTSC.*

5 Press **[MENU]** to exit.

MENU

☑ **Add Channels**

This function lets you add the channels that were not added by the autoprogram due to the receptible condition at the initial setting.

1 Press **[MENU]** to display the main menu.

MENU

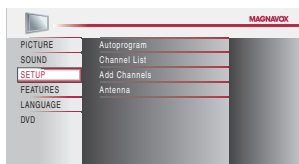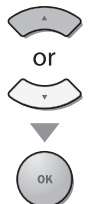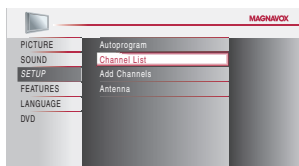**2** Use **[Cursor ▲/▼]** to select "SETUP", then press **[OK]**.

or

OK

MAGNAVOX
PICTURE — Autoprogram
SOUND — Channel List
SETUP — Add Channels
FEATURES — Antenna
LANGUAGE
DVD
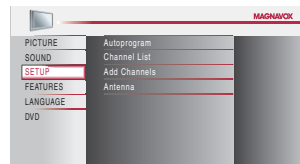
3 Use **[Cursor ▲/▼]** to select "Add Channels", then press **[OK]**.

or

OK

MAGNAVOX
PICTURE — Autoprogram
SOUND — Channel List
SETUP — Add Channels
FEATURES — Antenna
LANGUAGE
DVD
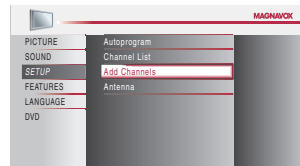
4 Use **[the Number buttons]** to enter the number of the channel you want to add, then press **[OK]**.

1	2	3
4	5	6
7	8	9
0	-	

OK

11

MAGNAVOX	Add channels
PICTURE	For analog channels, select a channel to be added using number keys.
SOUND	For digital channels, you must perform
SETUP	Autoprogram function.
FEATURES	
LANGUAGE	
DVD	
⠿ Ch Change ● Back
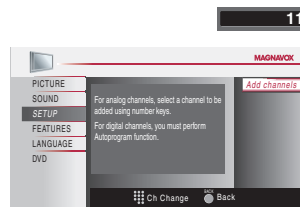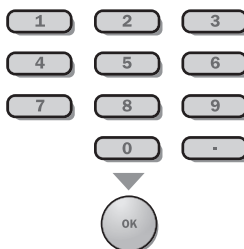
5 Press **[MENU]** to exit.

MENU

Note:
- *If setup completes successfully, "Added to the channel list" is displayed.*
- *If external input is used, it is not possible to register the channel and "Unavailable" will be displayed on the TV screen.*
- *By using [CH + / −], you can select the memorized channels only.*

☑ Antenna Confirmation

DTV

This function lets you check the digital signal strength of each channel.

1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "SETUP", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Autoprogram	
SOUND	Channel List	
SETUP	Add Channels	
FEATURES	Antenna	
LANGUAGE		
DVD		

3 Use **[Cursor ▲/▼]** to select "Antenna", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Autoprogram	
SOUND	Channel List	
SETUP	Add Channels	
FEATURES	Antenna	
LANGUAGE		
DVD		

4 Use **[the Number buttons]** or **[CH + / −]** to select the channel for which you want to check the digital signal strength.

```
1    2    3
4    5    6
7    8    9
0    •
```

or

CH
+
−

11.1

	MAGNAVOX
PICTURE	Back
SOUND	
SETUP	
FEATURES	Current 50 Max 50
LANGUAGE	
DVD	
	Ch Change
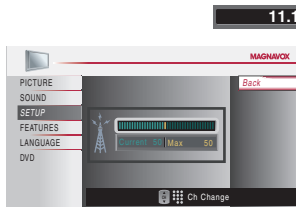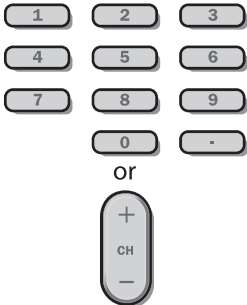
• If the channel is set to analog channel or external input, you cannot confirm the antenna condition.

Video

	MAGNAVOX
PICTURE	Back
SOUND	
SETUP	
FEATURES	Indicator is available for digital broadcasting only.
LANGUAGE	
DVD	
	Ch Change
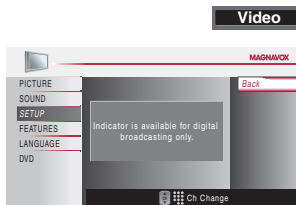
5 Press **[MENU]** to exit.

MENU

☑ Language Selection

You can choose English, Spanish, or French as your on-screen language.

1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "LANGUAGE", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE		
SOUND	Select the language for setup display.	*English*
SETUP		
FEATURES	Elija el idioma de ajuste.	Español
LANGUAGE		
DVD	Sélectionner langue écran config.	Français
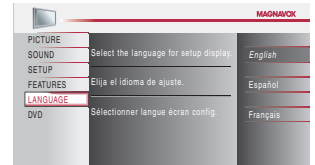
3 Use **[Cursor ▲/▼]** to select "English", "Español" or "Français", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE		
SOUND	Select the language for setup display.	*English*
SETUP		
FEATURES	Elija el idioma de ajuste.	Español
LANGUAGE		
DVD	Sélectionner langue écran config.	Français

4 Press **[MENU]** to exit.

MENU

Note:
- *If you need the English menus instead of the Spanish or French menus, press **[MENU]**. Use **[Cursor ▲/▼]** to select "IDIOMA" or "LANGUE", then press **[OK]**.*
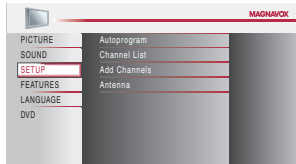 *Use **[Cursor ▲/▼]** to select "English", then press **[OK]**. Press **[MENU]** to exit the main menu.*

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

☑ Picture Adjustment

You can adjust brightness, contrast, color, tint, sharpness and color temperature.

Before you begin: **You must set "Home" in "Location". Refer to page 35. Otherwise, the settings you adjusted will not be memorized after the unit goes into standby mode.**
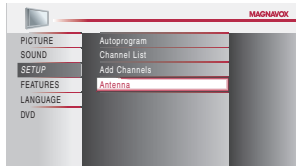
1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "PICTURE", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Smart Picture	*Personal*
SOUND	Brightness	30
SETUP	Contrast	60
FEATURES	Color	36
LANGUAGE	Tint	0
DVD	Sharpness	0
	Color Temperature	*Normal*

3 Use **[Cursor ▲/▼]** to select the item you want to adjust, then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Smart Picture	*Personal*
SOUND	Brightness	30
SETUP	Contrast	60
FEATURES	Color	36
LANGUAGE	Tint	0
DVD	Sharpness	0
	Color Temperature	*Normal*

4 Adjust the picture quality.

Smart Picture
Use **[Cursor ▲/▼]** to select the desired setting, then press **[OK]**.
("Personal", "Standard", "Sports", "Movie" and "Game")
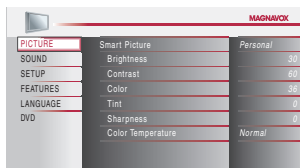
or

OK

		MAGNAVOX
PICTURE	Smart Picture	*Personal*
SOUND	Brightness	Standard
SETUP	Contrast	Sports
FEATURES	Color	Movie
LANGUAGE	Tint	Game
DVD	Sharpness	
	Color Temperature	

Brightness, Contrast, Color, Tint, Sharpness, Color Temperature
Use **[Cursor ▲/▼]** to select the desired setting, then use **[Cursor ◄/►]** to adjust.

or
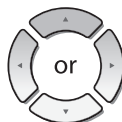
	Cursor ◄	Cursor ►
Brightness Brightness 30 ◆Adjust ◆Move OK OK	to decrease brightness	to increase brightness
Contrast Contrast 60 ◆Adjust ◆Move OK OK	to decrease contrast	to increase contrast
Color Color 36 ◆Adjust ◆Move OK OK	to decrease color intensity	to increase color intensity
Tint Tint 0 ◆Adjust ◆Move OK OK	to add red	to add green
Sharpness Sharpness 0 ◆Adjust ◆Move OK OK	to soften	to sharpen
Color Temperature Color Temp. Normal ◆Adjust ◆Move OK OK	to add warm colors	to add cool colors

5 Press **[MENU]** to exit.

MENU

Note:
*• To cancel picture adjustment, press **[MENU]**.*
• Only the "Personal" setting can be adjusted.

☑ Sound Adjustment

You can adjust the smart sound, equalizer and some other sound functions.

Before you begin: **You must set "Home" in "Location". Refer to page 35. Otherwise, the settings you adjusted will not be memorized after the unit goes into standby mode.**
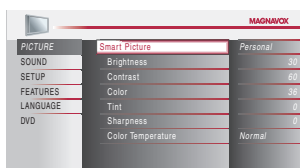
1 Press **[MENU]** to display the main menu.

MENU

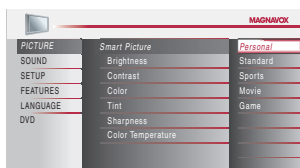2 Use **[Cursor ▲/▼]** to select "SOUND", then press **[OK]**.

or

PICTURE	Smart Sound	Standard
SOUND	Equalizer	
SETUP	Auto Volume Leveling	Off
FEATURES	TV Speakers	Ext. Amp
LANGUAGE		
DVD		

3 Use **[Cursor ▲/▼]** to select the sound type you want to adjust, then press **[OK]**.

or

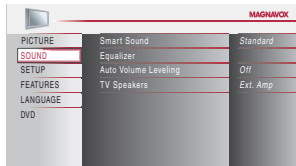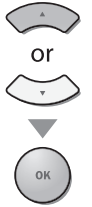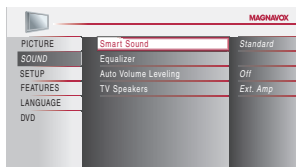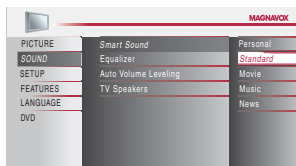|		
PICTURE	Smart Sound	Standard
SOUND	Equalizer	
SETUP	Auto Volume Leveling	Off
FEATURES	TV Speakers	Ext. Amp
LANGUAGE		
DVD		

4 Adjust the following items.

Smart Sound
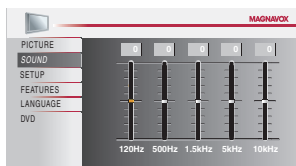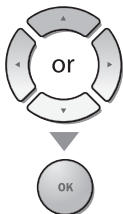Use **[Cursor ▲/▼]** to select the desired setting, then press **[OK]**.
("Personal", "Standard", "Movie", "Music "and "News ")

or

PICTURE	Smart Sound	Personal
SOUND	Equalizer	Standard
SETUP	Auto Volume Leveling	Movie
FEATURES	TV Speakers	Music
LANGUAGE		News
DVD		

Equalizer
Adjust tonal quality for each frequencies.
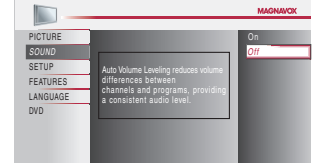Use **[Cursor ◄ /►]** to select the specific frequency and use **[Cursor ▲/▼]** to adjust the level, then press **[OK]**.

or

PICTURE	
SOUND	
SETUP	
FEATURES	
LANGUAGE	
DVD	

120Hz 500Hz 1.5kHz 5kHz 10kHz

Auto Volume Leveling

This function keeps a constant loudness differential between the TV commercials and the programs.

Use **[Cursor ▲/▼]** to select the desired option, then press **[OK]**.

or

PICTURE		On
SOUND	Auto Volume Leveling reduces volume differences between channels and programs, providing a consistent audio level.	Off
SETUP		
FEATURES		
LANGUAGE		
DVD		

On	Select if you want to reduce volume differences between the TV commercials and the programs.
Off	Select if you want to remove the auto volume leveling.

TV Speakers
Select the audio output from the unit's speakers, or not. If your amplifier compatible with the CEC function is connected to this unit using an HDMI cable, some part of the sound operations such as volume up can access synchronized by using this unit's remote control.

Use **[Cursor ▲/▼]** to select the desired option, then press **[OK]**.

or

PICTURE	"On":	On
SOUND	Sound will be output from the TV speakers	Off
SETUP	"Off":	Ext. Amp
FEATURES	Sound will not be output from the TV speakers.	
LANGUAGE	"Ext. Amp":	
DVD	Operation is possible by connecting to the HDMI-CEC compatible amp with a HDMI cable. For details look in the user manual.	
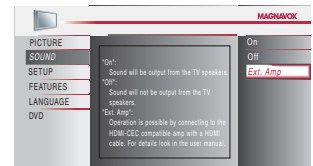
On	The sound will be output from the unit's speakers.
Off	The sound will not be output from the unit's speakers.
Ext. Amp	This function allows you to control audio output from CEC-compatible devices with the unit's remote control.

5 Press **[MENU]** to exit.

MENU

Note:
- *To cancel sound adjustment, press* ***[MENU]***.
- *We do not guarantee 100% interoperability with other brands of CEC compliant devices.*

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

☑ **Closed Caption**

You can view closed captioning (CC) for TV programs, movies and news. Closed caption refers to text of dialogue or descriptions displayed on-screen.

1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "FEATURES", then press **[OK]**.

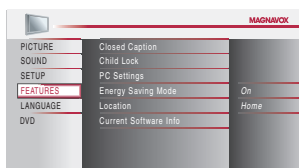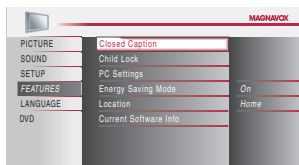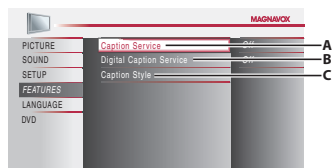or

PICTURE	Closed Caption	
SOUND	Child Lock	
SETUP	PC Settings	
FEATURES	Energy Saving Mode	On
LANGUAGE	Location	Home
DVD	Current Software Info	

3 Use **[Cursor ▲/▼]** to select "Closed Caption", then press **[OK]**.

or

PICTURE	Closed Caption	
SOUND	Child Lock	
SETUP	PC Settings	
FEATURES	Energy Saving Mode	On
LANGUAGE	Location	Home
DVD	Current Software Info	

See the following description for setting each item.

PICTURE	Caption Service	Off — A
SOUND	Digital Caption Service	Off — B
SETUP	Caption Style	— C
FEATURES		
LANGUAGE		
DVD		

A···"A. Caption Service"   ⇨ page 27

B···"B. Digital Caption Service"   ⇨ page 28

C···"C. Caption Style"   ⇨ page 28

A. Caption Service

4 Use **[Cursor ▲/▼]** to select "Caption Service", then press **[OK]**.

or

PICTURE	Caption Service	Off
SOUND	Digital Caption Service	Off
SETUP	Caption Style	
FEATURES		
LANGUAGE		
DVD		
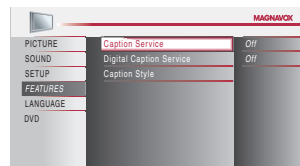
5 Use **[Cursor ▲/▼]** to select the desired closed caption, then press **[OK]**.

or

PICTURE	Caption Service	Off
SOUND	Digital Caption Service	CC-1
SETUP	Caption Style	CC-2
FEATURES		CC-3
LANGUAGE		CC-4
DVD		T-1
		T-2
		T-3
		T-4
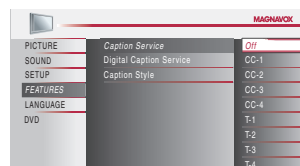
Caption mode

CC-1 and T-1;
are the primary caption and text services.
The captioning or text is displayed in the same language as the program's dialogue
(up to 4 lines of script on the TV screen, where it does not obstruct relevant parts of the picture).

CC-3 and T-3;
serve as the preferred data channels.
The captioning or text is often a secondary language.

CC-2, CC-4, T-2 and T-4;
are rarely available and broadcasters use them only in special conditions, such as when "CC-1" and "CC-3" or "T-1" and "T-3" are not available.

• There are 3 display modes according to programs:
Paint-on mode:
Displays input characters on the TV screen immediately.
Pop-on mode:
Once characters are stored in memory, they are displayed all at once.
Roll-up mode:
Displays the characters continuously by scrolling (max. 4 lines).

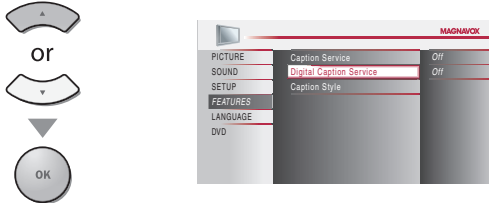**6** Press **[MENU]** to exit.
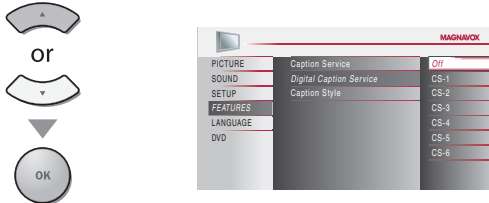
MENU

B. Digital Caption Service

`DTV`

In addition to the basic closed caption described on page 27, DTV has its own closed caption called digital caption service. Use this menu to change the settings for digital caption service.

4 Use **[Cursor ▲/▼]** to select "Digital Caption Service", then press **[OK]**.

or

PICTURE	Caption Service	Off
SOUND	Digital Caption Service	Off
SETUP	Caption Style	
FEATURES		
LANGUAGE		
DVD		

5 Use **[Cursor ▲/▼]** to select the desired digital caption service, then press **[OK]**.

or

PICTURE	Caption Service	Off
SOUND	Digital Caption Service	CS-1
SETUP	Caption Style	CS-2
FEATURES		CS-3
LANGUAGE		CS-4
DVD		CS-5
		CS-6

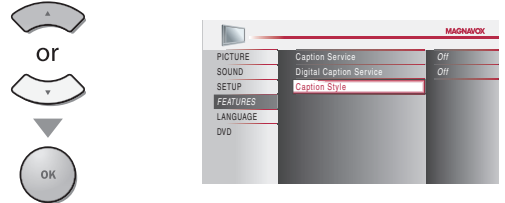|	
Off	Select if you do not want digital caption service. This is the default.
CS-1 to CS-6	Select one of these before changing any other item in "Closed Caption" menu. Choose "CS-1" under normal circumstances.

6 Press **[MENU]** to exit.

MENU

Note:
- *"Digital Caption Service" that you can switch differs depending on the broadcast description.*
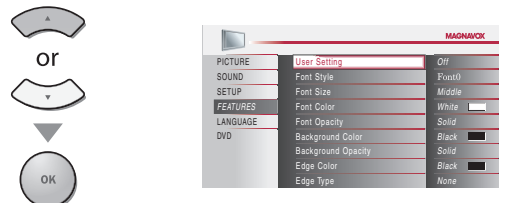
C. Caption Style

`DTV`

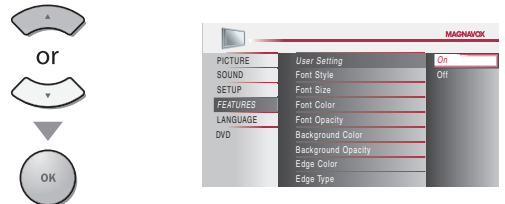**You can change the caption style such as font, color or size, etc.**

4 Use **[Cursor ▲/▼]** to select "Caption Style", then press **[OK]**.

or

PICTURE	Caption Service	Off
SOUND	Digital Caption Service	Off
SETUP	Caption Style	
FEATURES		
LANGUAGE		
DVD		

5 Use **[Cursor ▲/▼]** to select "User Setting", then press **[OK]**.

or

PICTURE	User Setting	Off
SOUND	Font Style	Font0
SETUP	Font Size	Middle
FEATURES	Font Color	White
LANGUAGE	Font Opacity	Solid
DVD	Background Color	Black
	Background Opacity	Solid
	Edge Color	Black
	Edge Type	None

6 Use **[Cursor ▲/▼]** to select "On", then press **[OK]**.

or

PICTURE	User Setting	On
SOUND	Font Style	Off
SETUP	Font Size	
FEATURES	Font Color	
LANGUAGE	Font Opacity	
DVD	Background Color	
	Background Opacity	
	Edge Color	
	Edge Type	

7 Use **[Cursor ▲/▼]** to select an item, then press **[OK]**. Then use **[Cursor ▲/▼]** to select the desired setting and press **[OK]**.

Picture display

ABCDEFGHIJKL

Edge
(Edge Color and Edge Type)

Font
(Font Style, Font Size, Font Color and Font Opacity or Transparency)

Background
(Background Color and Background Opacity or Transparency)
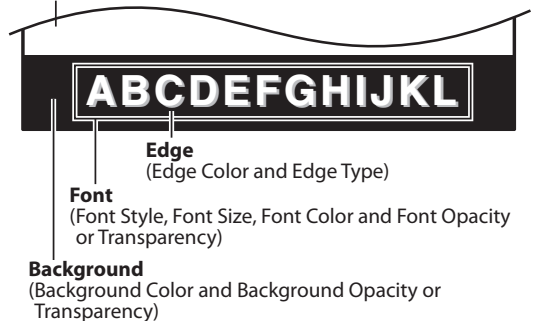
- The setting description for each item is shown on the next page.
- Review your setting choice made on the next page by looking in the upper right corner of the displayed setting box (not all selections show the differences selected).

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING
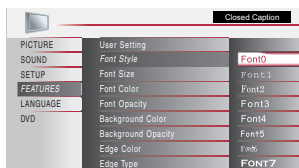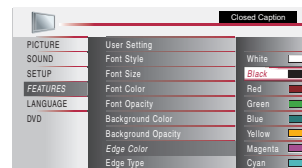
INFORMATION

Font Style

Closed Captioning font style can be changed as below.

	Closed Caption
PICTURE	User Setting
SOUND	*Font Style* — Font0
SETUP	Font Size — Font1
FEATURES	Font Color — Font2
LANGUAGE	Font Opacity — Font3
DVD	Background Color — Font4
	Background Opacity — Font5
	Edge Color — Font6
	Edge Type — FONT7

Font Size

Font size of the displayed caption can be switched as below.

	Closed Caption
PICTURE	User Setting
SOUND	Font Style
SETUP	*Font Size* — Large
FEATURES	Font Color — *Middle*
LANGUAGE	Font Opacity — Small
DVD	Background Color
	Background Opacity
	Edge Color
	Edge Type
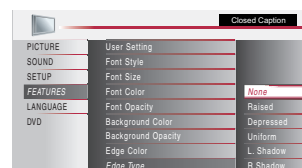
Font Color

Font color of the displayed caption can be switched as below.

	Closed Caption
PICTURE	User Setting
SOUND	Font Style — *White*
SETUP	Font Size — Black
FEATURES	*Font Color* — Red
LANGUAGE	Font Opacity — Green
DVD	Background Color — Blue
	Background Opacity — Yellow
	Edge Color — Magenta
	Edge Type — Cyan
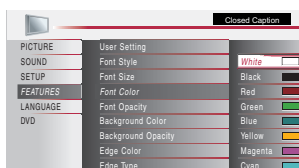
Font Opacity

Font opacity of the displayed caption can be switched as below.

	Closed Caption
PICTURE	User Setting
SOUND	Font Style
SETUP	Font Size
FEATURES	Font Color
LANGUAGE	*Font Opacity* — *Solid*
DVD	Background Color — Flash
	Background Opacity — Translucent
	Edge Color — Transparent
	Edge Type
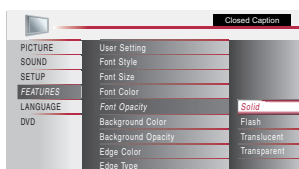
Background Color

Background color of the displayed caption can be switched as below.

	Closed Caption
PICTURE	User Setting
SOUND	Font Style — White
SETUP	Font Size — *Black*
FEATURES	Font Color — Red
LANGUAGE	Font Opacity — Green
DVD	*Background Color* — Blue
	Background Opacity — Yellow
	Edge Color — Magenta
	Edge Type — Cyan
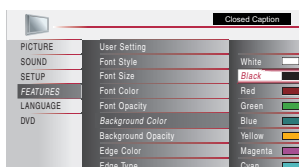
Background Opacity

Background opacity of the displayed caption can be switched as below.

	Closed Caption
PICTURE	User Setting
SOUND	Font Style
SETUP	Font Size
FEATURES	Font Color
LANGUAGE	Font Opacity
DVD	*Background Color* — *Solid*
	Background Opacity — Flash
	Edge Color — Translucent
	Edge Type — Transparent

Edge Color

Edge color of the displayed caption can be switched as below.

	Closed Caption
PICTURE	User Setting
SOUND	Font Style — White
SETUP	Font Size — *Black*
FEATURES	Font Color — Red
LANGUAGE	Font Opacity — Green
DVD	Background Color — Blue
	Background Opacity — Yellow
	Edge Color — Magenta
	Edge Type — Cyan

Edge Type

Edge type of the displayed caption can be switched as below.

	Closed Caption
PICTURE	User Setting
SOUND	Font Style
SETUP	Font Size
FEATURES	Font Color — *None*
LANGUAGE	Font Opacity — Raised
DVD	Background Color — Depressed
	Background Opacity — Uniform
	Edge Color — L. Shadow
	Edge Type — R.Shadow

8 Press **[MENU]** to exit.

MENU

Note:

- *To show the closed caption on your TV screen, broadcast signal must contain the closed caption data.*
- *Not all TV programs and commercials have the closed caption or all types of the closed caption.*
- *Captions and texts may not match the TV voice exactly.*
- *Changing channels may delay the closed caption for a few seconds.*
- *Adjusting or muting the volume may delay the closed caption for a few seconds.*
- *Abbreviations, symbols and other grammatical shortcuts may be used in order to keep pace with the on-screen action. This is not a malfunction.*
- *The caption or text characters will not be displayed while the main menu or functions display is shown.*
- *If a black box appears on the TV screen, this means that the closed caption is set to the text mode. To clear the box, select "CC-1", "CC-2", "CC-3", "CC-4" or "Off".*
- *If the unit receives poor quality television signals, the captions may contain errors, or there might be no captions at all. Some possible causes of poor quality signals are:*
  - *Automobile ignition noise*
  - *Electric motor noise*
  - *Weak signal reception*
  - *Multiplex signal reception (ghosts or screen flutter)*
- *The unit retains the closed caption setting if the power fails.*
- *Closed caption will not be displayed when you are using an HDMI connection.*
- *When the unit receives special effects playback signal (i.e., Search, Slow and Still) from a VCR's video output channel (CH3 or CH4), the unit may not display the correct caption or text.*
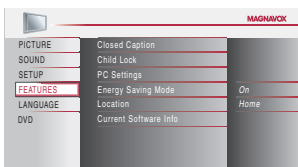
☑ **Child Lock**

Child lock reads the ratings for programs, then denies access to the programs which exceed the rating level you set. With this function, you can block certain programs inappropriate for children and any channels or external input modes can be invisible.
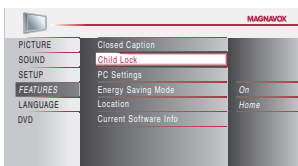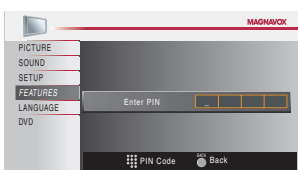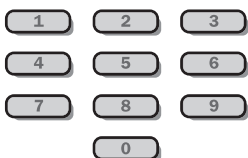
1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "FEATURES", then press **[OK]**.

or

OK

PICTURE	Closed Caption	
SOUND	Child Lock	
SETUP	PC Settings	
FEATURES	Energy Saving Mode	On
LANGUAGE	Location	Home
DVD	Current Software Info	

3 Use **[Cursor ▲/▼]** to select "Child Lock", then press **[OK]**.

or

OK

PICTURE	Closed Caption	
SOUND	Child Lock	
SETUP	PC Settings	
FEATURES	Energy Saving Mode	On
LANGUAGE	Location	Home
DVD	Current Software Info	

4 Use **[the Number buttons]** to enter the 4-digit numbers for your PIN Code.

1 2 3
4 5 6
7 8 9
0

PICTURE
SOUND
SETUP
FEATURES   Enter PIN
LANGUAGE
DVD

⋮⋮⋮ PIN Code   Back

- When you have not set up your PIN Code, enter **[0]**, **[0]**, **[0]**, **[0]**.
- When the PIN Code is correct, "Child Lock" menu is displayed.

See the following description for setting each item.

PICTURE	Channel Lock	A
SOUND	US Movie ratings lock	B
SETUP	US TV ratings lock	C
FEATURES	Canadian English Rating	
LANGUAGE	Canadian French Rating	
DVD	Region ratings lock	
	Change PIN	D
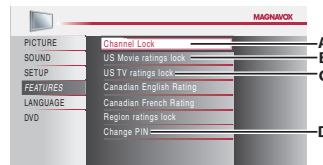
A···"A. Channel Lock" ⇨ page 31

B···"B. US Movie ratings lock" ⇨ page 31

C···"C. US TV ratings lock" ⇨ page 32

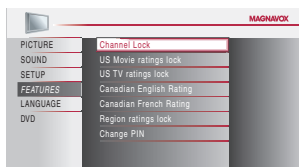**D···"D. Change PIN"** ⇨ page 33

Note:

- *When you select a rating and set it to "Block", the higher ratings will be blocked automatically. The lower ratings will be available for viewing.*
- *When you set the highest rating to "View", all ratings turn to "View" automatically.*
- *To block any inappropriate programs, set your limits in "US Movie ratings lock", "US TV ratings lock" and "Region ratings lock".*
- *The child lock setting will be retained after a power failure (except the access code reverts to 0000).*
- *If the rating is blocked, 🔒 will appear.*
- *"Region ratings lock" will be available when the unit receives a digital broadcast using the new rating system.*
- *If the broadcasting signal does not have the region ratings lock information, "Region ratings lock is currently not available." will appear.*
  This message will also appear when you try to access "Region ratings lock" after you have cleared the region ratings lock information, and the new information has not been downloaded since.
- *The Canadian rating systems on this unit is based on CEA-766-A and the Canadian Radio-Television and Telecommunications Commission (CRTC) policy.*
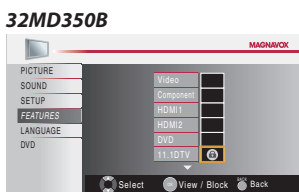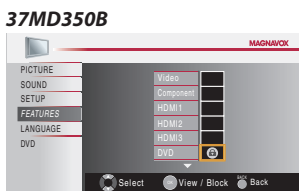

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

A. Channel Lock

Particular channels or external input modes can be invisible in this function.

5 Use **[Cursor ▲/▼]** to select "Channel Lock", then press **[OK]**.

or

OK

PICTURE	Channel Lock
SOUND	US Movie ratings lock
SETUP	US TV ratings lock
FEATURES	Canadian English Rating
LANGUAGE	Canadian French Rating
DVD	Region ratings lock
	Change PIN

MAGNAVOX

6 Use **[Cursor ▲/▼]** to select the desired rating, then press **[OK]** repeatedly to switch between "View" and "Block".

37MD350B

MAGNAVOX

PICTURE	Video
SOUND	Component
SETUP	HDMI1
FEATURES	HDMI2
LANGUAGE	HDMI3
DVD	DVD

Select ● View / Block ● Back

or

OK

32MD350B

MAGNAVOX

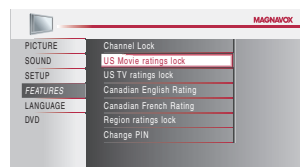|	
PICTURE	Video
SOUND	Component
SETUP	HDMI1
FEATURES	HDMI2
LANGUAGE	DVD
DVD	11.1DTV

Select ● View / Block ● Back

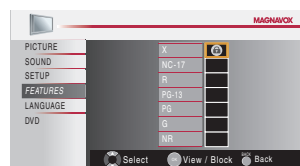**7** Press **[MENU]** to exit.

MENU

B. US Movie ratings lock

US Movie ratings lock is the rating system created by MPAA (Motion Picture Association of America).

5 Use **[Cursor ▲/▼]** to select "US Movie ratings lock", then press **[OK]**.

or

OK

PICTURE	Channel Lock
SOUND	US Movie ratings lock
SETUP	US TV ratings lock
FEATURES	Canadian English Rating
LANGUAGE	Canadian French Rating
DVD	Region ratings lock
	Change PIN

MAGNAVOX

6 Use **[Cursor ▲/▼]** to select the desired rating, then press **[OK]** repeatedly to switch between "View" and "Block".

or

OK

MAGNAVOX

PICTURE	X
SOUND	NC-17
SETUP	R
FEATURES	PG-13
LANGUAGE	PG
DVD	G
	NR

Select ● View / Block ● Back

Rating	Category
X	Mature audience only
NC-17	No one under 17 admitted
R	Restricted; under 17 requires accompanying parent or adult guardian
PG-13	Unsuitable for children under 13
PG	Parental guidance suggested
G	General audience
NR	No rating

7 Press **[MENU]** to exit.

MENU

C. US TV ratings lock

5 Use **[Cursor ▲/▼]** to select "US TV ratings lock", then press **[OK]**.
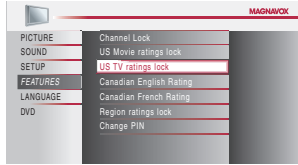
or

PICTURE	Channel Lock
SOUND	US Movie ratings lock
SETUP	US TV ratings lock
FEATURES	Canadian English Rating
LANGUAGE	Canadian French Rating
DVD	Region ratings lock
	Change PIN

6 Use **[Cursor ▲/▼/◄/►]** to select the desired rating, then press **[OK]** repeatedly to switch between "View" and "Block".
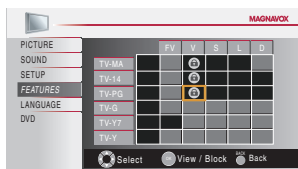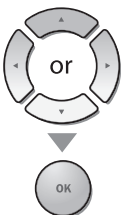
or
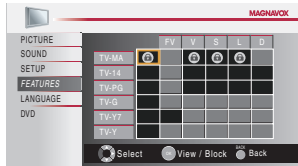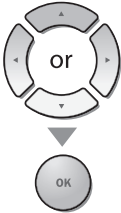
7 Press **[MENU]** to exit.

MENU

To set the sub ratings

As for TV-MA, TV-14, TV-PG, or TV-Y7, you can further set the sub ratings to block specific elements of programming. To set the sub ratings, follow the step below.

Use **[Cursor ▲/▼/◄/►]** to select the desired rating, then press **[OK]** repeatedly to switch between "View" and "Block".

or

Rating	Category	
TV-MA	Mature audience only	**higher**
TV-14	Unsuitable for children under 14	↑
TV-PG	Parental guidance suggested	
TV-G	General audience	
TV-Y7	Appropriate for all children 7 and older	↓
TV-Y	Appropriate for all children	**lower**

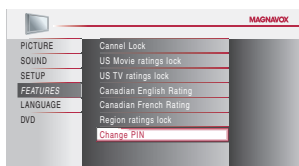| Sub Rating	Category	Rating
FV	Fantasy Violence	TV-Y7
V	Violence	TV-PG
S	Sexual Situation	TV-14
L	Coarse Language	TV-MA
D	Suggestive Dialogue	TV-PG, TV-14

Note:

- *Blocked sub rating will appear beside the main rating category in "US TV ratings lock" menu.*
- *You cannot block a sub rating (D, L, S or V) if the main rating is set to "View".*
- *Changing the category to "Block" or "View" automatically changes all its sub ratings to the same ("Block" or "View").*
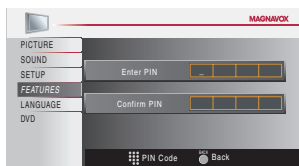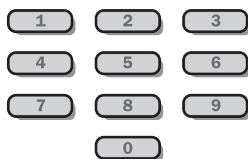
INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

D. Change PIN

Although the default code (0000) is supplied with the unit, you can set your own PIN Code.

5 Use **[Cursor ▲/▼]** to select "Change PIN", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Cannel Lock	
SOUND	US Movie ratings lock	
SETUP	US TV ratings lock	
FEATURES	Canadian English Rating	
LANGUAGE	Canadian French Rating	
DVD	Region ratings lock	
	Change PIN	

6 Press **[the Number buttons]** to enter the new 4-digit PIN Code.
- Enter PIN Code again in "Confirm PIN" entry field.

1 2 3
4 5 6
7 8 9
0

	MAGNAVOX
PICTURE	
SOUND	
SETUP	Enter PIN
FEATURES	
LANGUAGE	Confirm PIN
DVD	
	⠿ PIN Code ⟲ Back

7 Press **[MENU]** to exit.

MENU

Note:
- *Make sure new PIN Code and confirm PIN Code must be exactly the same. If they are different, the space is cleared for reentering.*
- *Your PIN Code will be erased and return to the default (0000) when a power failure occurs.*
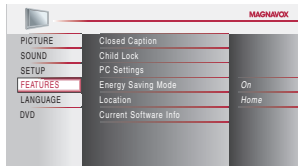 *If you forget the PIN Code, unplug the AC power cord for 10 seconds to restore the PIN Code to 0000.*

☑ **PC Settings**

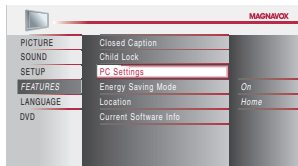**This function lets you adjust the PC screen position during PC input through the HDMI 1 Input jack.**
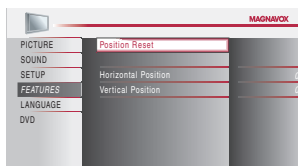
1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "FEATURES", then press **[OK]**.

or

OK

	MAGNAVOX
PICTURE	Closed Caption
SOUND	Child Lock
SETUP	PC Settings
FEATURES	Energy Saving Mode On
LANGUAGE	Location Home
DVD	Current Software Info

3 Use **[Cursor ▲/▼]** to select "PC Settings", then press **[OK]**.

or

OK

	MAGNAVOX
PICTURE	Closed Caption
SOUND	Child Lock
SETUP	PC Settings
FEATURES	Energy Saving Mode On
LANGUAGE	Location Home
DVD	Current Software Info

4 Use **[Cursor ▲/▼]** to select the setting you want to adjust, then press **[OK]**.

or

OK

	MAGNAVOX
PICTURE	Position Reset
SOUND	
SETUP	Horizontal Position 0
FEATURES	Vertical Position 0
LANGUAGE	
DVD	

5 Adjust the setting.

Position Reset
Use **[Cursor ▲/▼]** to select "Reset", then press **[OK]**.

or

OK

	MAGNAVOX
PICTURE	Cancel
SOUND	Resets the display position of Reset
SETUP	the picture.
FEATURES	
LANGUAGE	
DVD	
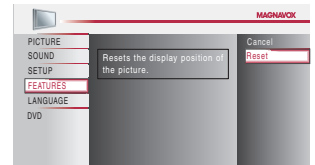
• The horizontal/vertical position of the PC screen are automatically adjusted.

Horizontal Position, Vertical Position
Use **[Cursor ◄/►]** to adjust.

	Cursor ◄	Cursor ►
Horizontal Position H. Position 0 Adjust Move OK	to move PC screen left	to move PC screen right
Vertical Position V. Position 0 Adjust Move OK	to move PC screen down	to move PC screen up

6 Press **[MENU]** to exit.

MENU

Note:
• *You may not obtain an appropriate screen with "Position Reset" for some signals. In this case, adjust the settings manually.*

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

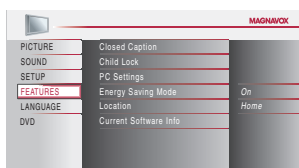INFORMATION

☑ **Energy Saving Mode**

You can set whether the power consumption is saved or not.

Before you begin: **You must set "Home" in "Location". Refer to page 35. Otherwise, the settings you adjusted will not be memorized after the unit goes into standby mode.**
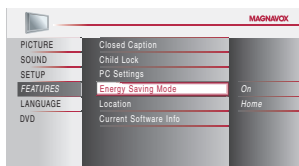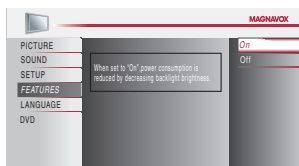
1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "FEATURES", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Closed Caption	
SOUND	Child Lock	
SETUP	PC Settings	
FEATURES	Energy Saving Mode	On
LANGUAGE	Location	Home
DVD	Current Software Info	

3 Use **[Cursor ▲/▼]** to select "Energy Saving Mode", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Closed Caption	
SOUND	Child Lock	
SETUP	PC Settings	
FEATURES	Energy Saving Mode	On
LANGUAGE	Location	Home
DVD	Current Software Info	

4 Use **[Cursor ▲/▼]** to select the desired mode, then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE		On
SOUND	When set to "On", power consumption is	Off
SETUP	reduced by decreasing backlight brightness.	
FEATURES		
LANGUAGE		
DVD		

On	Select if you want to reduce the power consumption.
Off	Sets the backlight brighter.

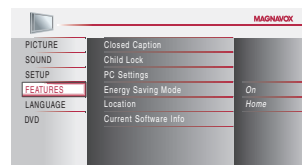**5** Press **[MENU]** to exit.

MENU

☑ **Location**

You must set "Home" in this setting. Otherwise, "Picture" and "Sound" settings you adjusted will not be memorized after you turn off the unit.
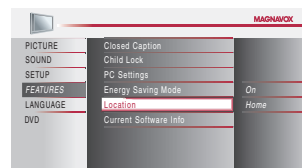
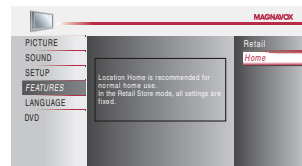**1** Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "FEATURES", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Closed Caption	
SOUND	Child Lock	
SETUP	PC Settings	
FEATURES	Energy Saving Mode	On
LANGUAGE	Location	Home
DVD	Current Software Info	

3 Use **[Cursor ▲/▼]** to select "Location", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Closed Caption	
SOUND	Child Lock	
SETUP	PC Settings	
FEATURES	Energy Saving Mode	On
LANGUAGE	Location	Home
DVD	Current Software Info	

4 Use **[Cursor ▲/▼]** to select the desired location, then press **[OK]**.

or

OK

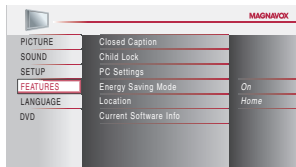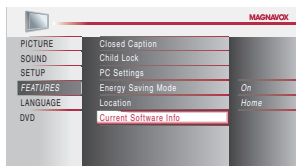|		MAGNAVOX
PICTURE		Retail
SOUND		Home
SETUP	Location Home is recommended for	
FEATURES	normal home use. In the Retail Store mode, all settings are	
LANGUAGE	fixed.	
DVD		

5 Press **[MENU]** to exit.

MENU

☑ Current Software Info

This function shows what version of the software currently used.

1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲/▼]** to select "FEATURES", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Closed Caption	
SOUND	Child Lock	
SETUP	PC Settings	
FEATURES	Energy Saving Mode	*On*
LANGUAGE	Location	*Home*
DVD	Current Software Info	

3 Use **[Cursor ▲/▼]** to select "Current Software Info", then press **[OK]**.

or

OK

		MAGNAVOX
PICTURE	Closed Caption	
SOUND	Child Lock	
SETUP	PC Settings	
FEATURES	Energy Saving Mode	*On*
LANGUAGE	Location	*Home*
DVD	Current Software Info	

4 Confirm the version of the software currently used.

		MAGNAVOX
PICTURE		Back
SOUND	Release Version:	
SETUP	XXXXXX_XX	
FEATURES		
LANGUAGE		
DVD		

5 Press **[MENU]** to exit.

MENU

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

OPERATING DVD

DVD Functions

☑ **Playable Media**

Media Type	DVD-VIDEO	DVD-RW	DVD-R	CD-DA	CD-RW	CD-R
Logo	**DVD** VIDEO / **DVD** VIDEO	**DVD** RW / **DVD** RW	**DVD** R / **DVD** R	COMPACT disc DIGITAL AUDIO	COMPACT disc DIGITAL AUDIO (ReWritable) / disc (ReWritable)	COMPACT disc DIGITAL AUDIO (Recordable) / disc (Recordable)
Recorded Signal	digital video (MPEG2)			digital audio		
Media Size	5 inches (12 cm)					

☑ **Unplayable Media**

NEVER play back the following discs. Otherwise, malfunction may result!

3 inches (8 cm) disc, DVD-RAM, DVD-audio, CD-i, photo CD, Video CD, DVD with region codes other than 1 or ALL, DTS-CD, DVD-ROM for personal computers, CD-ROM for personal computers, the discs with labels, scratches, stains, blemishes, etc., HD DVD, Blu-ray Disc, CD-RW/-R with MP3 files and CD-RW/-R with JPEG files including Kodak Picture CD.

On the following disc, the sound MAY NOT be heard.

super audio CD

Any other discs without compatibility indications

Note:
- *Unfinalized discs cannot be played back.*
- *For DVD-RW/R, discs recorded in the VR (video recording) format cannot be played back. Only the finalized video format discs can be played back.*
- *Some discs cannot be played back because of incompatible recording conditions, characteristics of the recorder or special properties of discs.*
- *Only the sound recorded on the normal CD layer can be delivered. The sound recorded on the high density super audio CD layer cannot be delivered.*
- *Do not use a single CD adaptor which makes 3 inches (8 cm) to 5 inches (12 cm) disc.*
- *You can play back discs with the marks listed in "Playable Media". If you use non-standardized discs, this unit may not play them back or the sound and video quality will be compromised.*
- *If the recorded portion of the disc is too small (less than 2-3/16 inches (55 mm) across), it may not play back properly.*

Region Codes

This unit has been designed to play back DVD with region 1. DVD must be labeled for ALL regions or for region 1 in order to play back on the unit. You cannot play back DVD that are labeled for other regions. Look for the symbols on your DVD. If these region symbols are not on your DVD, you cannot play back the DVD in this unit.

The number inside the globe refers to region of the world.

A DVD labeled for a specific region can only be played back on the unit with the same region code.

Color Systems

DVD is recorded in different color systems throughout the world. The most common color system is NTSC (which is used primarily in the United States and Canada).

This unit uses NTSC, so DVD you play back must be recorded in the NTSC system. You cannot play back DVD recorded in PAL color systems.

OPERATING DVD

These operations are accessible by remote control. Some may also be accessible by controls on the main unit.
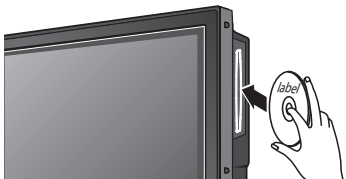
☑ **Playback**

Before you begin:
**Turn on the amplifier and any other equipment which is connected to this unit.
Make sure the external audio receiver (not included) are set to the correct channel.**

1 Press **[⏻ (power)]** to turn on the unit.

2 Insert a disc with label facing forward.

- In case the DVD was recorded on both sides, make sure the label of the side you want to play back is facing forward.

3 The unit switches to the DVD mode when the unit was in TV mode and detects the type of disc.

   e.g.) DVD

   ```
                                    DVD
   ```

- Press **[PLAY ▶]** if the unit does not go to the DVD mode.

4 The unit starts playback.
- If playback does not start automatically, press **[PLAY ▶]** again.

5 Press **[STOP ■]** to stop playback temporarily.

   STOP

- If playback remains stopped for 20 minutes, the unit will go into standby mode automatically when "AUTO POWER OFF" is set to "ON".

6 Press **[EJECT ▲]** to eject the disc.

   EJECT

Note:
- *" ⊘ " may appear at the top-right on the TV screen when the operation is prohibited by the disc or this unit.*
- *Some DVD may start playback from title 2 or 3 due to specific programs.*
- *During the playback of a 2-layered disc, pictures may stop for a moment. This happens while the 1st layer is being switched to the 2nd layer. This is not a malfunction.*
- *When you cannot remove the disc, you may try either following operations.
  - Press and hold [EJECT ▲] on the unit for more than 5 seconds.
  - Unplug the AC power cord and plug it in again, then press [EJECT ▲].
  It will take about 10 seconds to eject the disc, while that the unit will not respond to any key commands.*

☑ **Disc Menu**

DVD

Some discs contain disc menus which describe the contents of the disc or allow you to customize disc playback, or title menu which lists the titles available on the DVD.

To display the DVD menu, press **[DISC MENU]** and use **[Cursor ▲ / ▼ / ◀ / ▶]** to select an item, then press **[OK]** (or **[PLAY ▶]**).
To display the top menu, press **[TITLE]** and use **[Cursor ▲ / ▼ / ◀ / ▶]** to select an item, then press **[OK]** (or **[PLAY ▶]**).
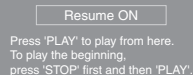
Note:
- *Menu operations may vary depending on the disc. Refer to the manual accompanying the disc for more details.*

☑ **Resume Playback**

Press **[STOP ■]** during playback. Resume message will appear on the TV screen.
Press **[PLAY ▶]**. Playback will resume from the point at which playback was stopped.

   Resume ON

   Press 'PLAY' to play from here.
   To play the beginning,
   press 'STOP' first and then 'PLAY'.

Note:
- *To cancel resume, press [STOP ■] one more time in the stop mode. On some discs, [STOP ■] will not work while the resume message appears. Please wait until the message disappears.*
- *The resume information will be kept even when the unit goes into standby mode. However, ejecting the disc will cancel the resume feature. Playback will start at the beginning the next time you insert the disc.*

☑ **Paused and Step-by-step Playback**

Press **[PAUSE ❙❙]** during playback.
- Playback will be paused and sound will be muted.
To continue playback, press **[PLAY ▶]**.

DVD

Each time you press **[PAUSE ❙❙]** in the pause mode, the disc goes forward one frame at a time.
To continue playback, press **[PLAY ▶]**.

Note:
- *Set "STILL MODE" to "FIELD" in the "OTHERS" menu if pictures in the pause mode are blurred. Refer to page 49.*

☑ **Fast Forward / Fast Reverse**

Press **[FWD ▶▶]** or **[REV ◀◀]** repeatedly during playback to select the desired forward or reverse speed.
To continue playback, press **[PLAY ▶]**.

◀◀ 1

Note:
- *Set "STILL MODE" to "FIELD" in the "OTHERS" menu if pictures in the fast playback mode are blurred. Refer to page 49.*
- *Fast forward / fast reverse speed varies with disc. Approximate speed is 1(2x), 2(8x), 3(20x), 4(50x) and 5(100x) on DVD and 1(2x), 2(8x) and 3(30x) on audio CD.*
- *For DVD, sound will be muted during this function.*
- *For audio CD, sound will be intermittent during the search.*

☑ **Slow Forward / Slow Reverse**
DVD

Press **[FWD ▶▶]** or **[REV ◀◀]** repeatedly during the paused mode to select the desired forward or reverse speed.
To continue playback, press **[PLAY ▶]**.

▶ 1

Note:
- *Set "STILL MODE" to "FIELD" in the "OTHERS" menu if pictures in the slow playback mode are blurred. Refer to page 49.*
- *Slow forward / slow reverse speed varies with disc. Approximate speed is 1(1/16x), 2(1/8x) and 3(1/2x).*
- *The sound will be muted during this function.*
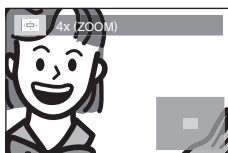
☑ **Zoom**
DVD

The zoom function allows you to enlarge the video image and to pan through the enlarged image.

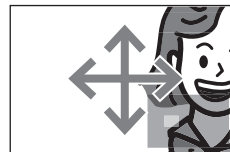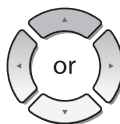**1** During playback, press **[MODE]** repeatedly until "⊡" appears.

MODE

⊡ OFF (ZOOM)
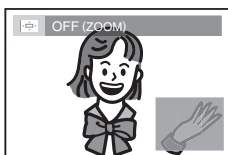
- The picture becomes twice as large.

2 Press **[OK]** repeatedly to change the zoom factor, "2x" or "4x".

OK

⊡ 4x (ZOOM)

3 Once a desired zoom factor is set, use **[Cursor ▲ / ▼ / ◀ / ▶]** to slide the zoomed picture across the TV screen.

or

4 To exit zoom, repeat steps 1 to 2 above and press **[OK]** repeatedly until "OFF" appears.

OK

Note:
- *The gray box with an inner blue box that shows during zoomed playback is the position guide indicates the position of the zoomed image within the overall image. Position guide stays on the TV screen until you press [OK]. Press [OK] one more time to recall the position guide when disappears.*
- *Zoom function does not work while the disc menu is displayed.*
- *4x zoom is not available on some discs.*
- *Zoom function is also available during pause mode.*

☑ **Search Functions**
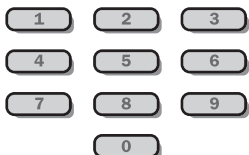
Chapter / Title / Track Search

You can select chapters, titles or tracks on the disc.

1 During playback, press **[MODE]** repeatedly until
"CH" / "TR" appears.
• If you want to perform the title search, use
[Cursor ▲ / ▼] repeatedly until "TT" appears.

e.g.) DVD

MODE

CH _/12 (SEARCH)

2 Press **[the Number buttons]** to select your desired
chapter, title or track within 60 seconds.

1	2	3
4	5	6
7	8	9
	0	

CH _/12 (SEARCH)

To play back a single-digit chapter, title or track when
there are more than 10 chapters, titles or tracks, press
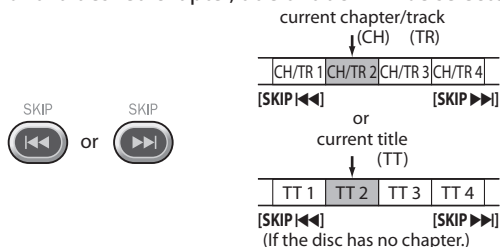**[OK]** after entering the chapter, title or track number.

3 Playback will start automatically from the chapter, title
or track you selected.

Note:
• *Chapter, title or track search can only be performed during
playback or when the unit has kept the resume information.
It cannot be performed in the stop mode.*
• *The total number of chapters / titles / tracks in your disc;
with less than 10 chapters / titles / tracks, press the chapter /
title / track number directly. To play a double-digit chapter /
title / track, press the chapter / title / track number.*
• *Track search is not available for programmed or random
playback.*

Using [SKIP |◄◄ / ►►|]

1 During playback, press **[SKIP |◄◄ / ►►|]** repeatedly
until a desired chapter, title or track will be selected.

current chapter/track
(CH) (TR)

| CH/TR 1 | CH/TR 2 | CH/TR 3 | CH/TR 4 |

[SKIP |◄◄] **[SKIP ►►|]**

SKIP |◄◄ or SKIP ►►|

or
current title
(TT)

| TT 1 | TT 2 | TT 3 | TT 4 |

[SKIP |◄◄] **[SKIP ►►|]**
(If the disc has no chapter.)

2 Playback will start automatically from the chapter, title
or track you selected.

Note:
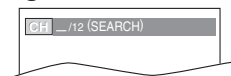• *[SKIP |◄◄ / ►►|] are not available when playback is stopped.*

Time Search

You can select the desired time which the disc is played back from.

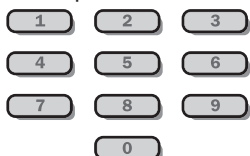**1** During playback, press **[MODE]** repeatedly until "CH" / "TR" appears.

MODE

e.g.) DVD

CH _/12 (SEARCH)

2 Use **[Cursor ▲ / ▼]** repeatedly until " " appears.

or

TOTAL 1:29:00

**3** Press **[the Number buttons]** to select your desired time lapse within 60 seconds.

1	2	3
4	5	6
7	8	9
	0	

TOTAL 1:29:00

4 Playback will start automatically from the time you selected.

Note:
- *When there is no need to enter a number, "0" appears automatically. For example, "0: 0_: _ _" appears in the time search menu if the total time of the title or track is less than 10 minutes.*
- *Press **[CLEAR]** to erase the incorrect input at step 3.*
- *Time search can only be performed during playback or when the unit has kept the resume information. It cannot be performed in the stop mode.*

Direct Search

Press **[the Number buttons]** to select your desired chapter, title or track.

1	2	3
4	5	6
7	8	9
+10	0	
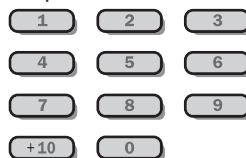
Note:
- *To select a single-digit chapter, title or track number, press the number directly.*
- *To select double digit chapter, title or track number:*
- *If the disc contains more than 9 and less than 100 chapter, title or track, press **[+10]** first, then enter the double digit chapter, title or track number.*
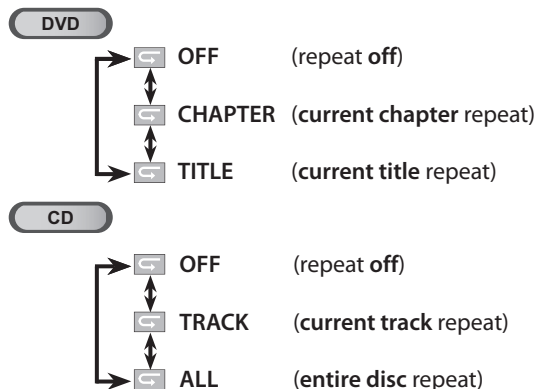 *(e.g., for track 26, press **[+10]**, **[2]** and **[6]**.)*

☑ **Repeat Playback**

Repeat function is available only during playback.

1 During playback, press **[MODE]** repeatedly until " " appears.

MODE

OFF (REPEAT)

2 Press **[Cursor ▲ / ▼]** to change the repeat mode.

DVD

OFF (repeat **off**)

CHAPTER (**current chapter** repeat)

TITLE (**current title** repeat)

CD

OFF (repeat **off**)

TRACK (**current track** repeat)

ALL (**entire disc** repeat)

3 Press **[BACK]** to exit.

BACK

☑ **Repeat A-B Playback**

You can repeat playback between A and B on a disc.

1 During playback, press **[MODE]** repeatedly until " ʌᴄʙ " appears.

MODE

ACB OFF (A-B REPEAT)

2 Press **[OK]** at your desired starting point (A).

OK

ACB A- (A-B REPEAT)

3 Press **[OK]** at your desired ending point (B).

OK

ACB A-B (A-B REPEAT)

• Point B should be in the same title or track as point A.
• Within a few seconds, the section A-B will begin to play back repeatedly.

4 To cancel repeat A-B playback, press **[MODE]** repeatedly until " ʌᴄʙ " appears.
Press **[OK]** so "OFF" appears.

MODE ▶ OK

Note:
• *Repeat setting (except "ALL") will be cleared when moving to another title or chapter, track.*
• *During programmed playback, repeat setting will be effective for the tracks in the program.*
• *Repeat playback or repeat A-B playback may not available with some discs.*
• *Repeat A-B playback does not function during other repeat mode.*
• *To cancel point A, press [CLEAR] at step 2 in "Repeat A-B Playback".*
• *Stopping playback will cancel repeat A-B playback.*

☑ **Random Playback**

CD

This function shuffles the playing order of tracks instead of playback in the sequence.

1 In stop mode, press **[MODE]** repeatedly until "RANDOM" menu appears.

MODE

RANDOM

CD-DA   TOTAL 0:45:55

RANDOM PROGRAM
~no indication~
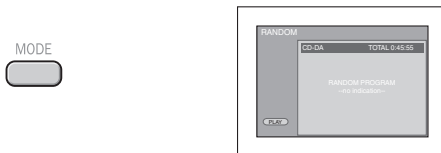
PLAY

2 Press **[PLAY ▶]** to start random playback.

PLAY ▶

Note:
• *To repeat the current track in the random mode, follow the steps 1 and 2 in "Repeat Playback" on page 41 and select " TRACK".*
• *To repeat the entire random selections, follow the steps 1 and 2 in "Repeat Playback" on page 41 and select " ALL".*
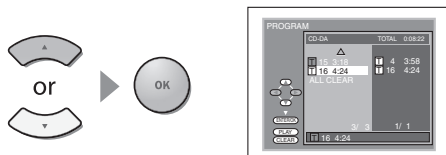
☑ **Programmed Playback**

CD

You may determine the order in which tracks will play back.

1 In stop mode, press **[MODE]** repeatedly until "PROGRAM" menu appears.

MODE

PROGRAM

CD-DA   TOTAL 0:00:00
1 3:31
2 4:28
3 4:19
4 3:58
5 4:12
6 4:02
7 3:55
▽ 1/   1/ 1
1 3:31

2 Use **[Cursor ▲ / ▼]** to select a desired track, then press **[OK]** to store.
• Additional tracks may be on other screens. Use **[Cursor ▲ / ▼]** to go on to the next / previous pages.
• Repeat this step until you have selected all the tracks you wish to play back in the program.

or ▶ OK

PROGRAM

CD-DA   TOTAL 0:08:22
△   4   3:58
16 4:24   16   4:24
ALL CLEAR

3/ 3   1/ 1
16 4:24

• Up to 99 tracks can be ordered.
• If 8 or more tracks were in a program, use **[SKIP |◄◄ / ►►|]** to see all the tracks.

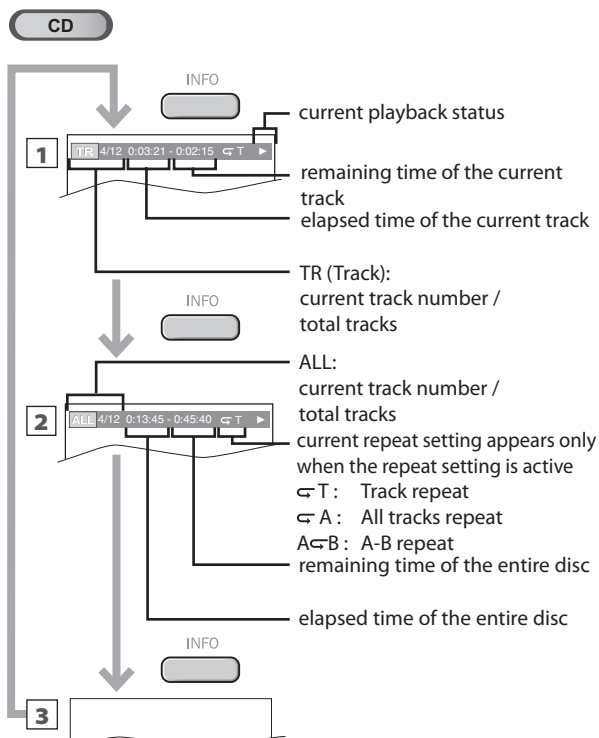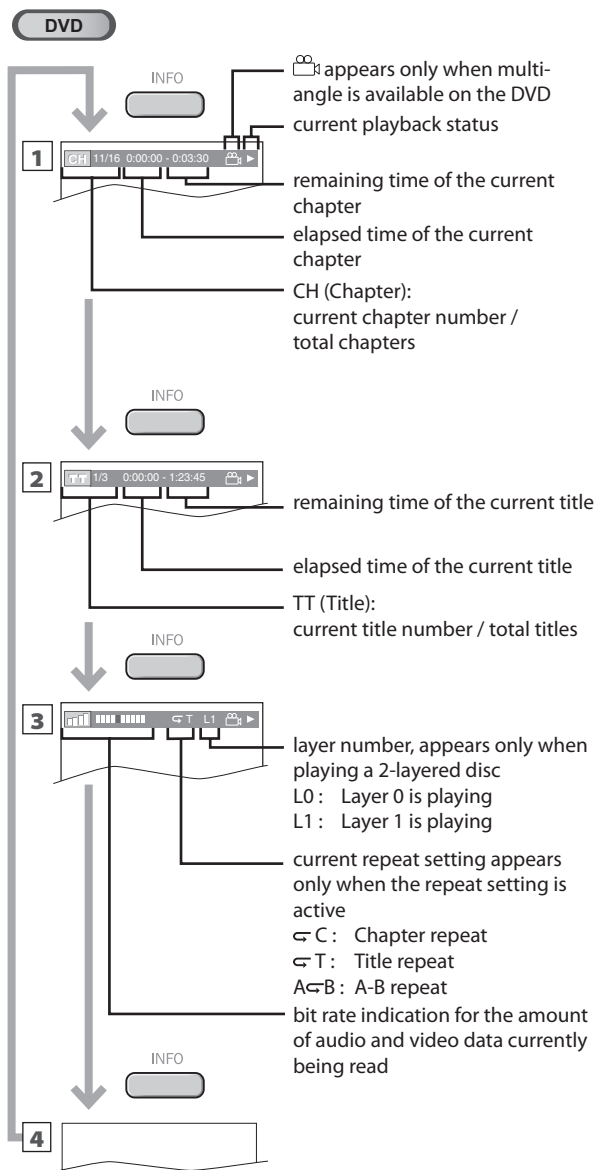3 Press **[PLAY ▶]** to start programmed playback.

PLAY ▶

Note:
• *Press [CLEAR] to erase the last track in the program if you make an error.*
• *To erase all programmed tracks at once, select "ALL CLEAR" and press [OK] at step 2.*
• *While a program is being played back, [STOP ■] works as follows:*
  - Pressing [STOP ■] once: The track will be in the resume standby mode. Next time you press [PLAY ▶], the playback will resume from the point where it is stopped in the programmed playback.
  - Pressing [STOP ■] twice: Resume mode will be canceled. Next time you press [PLAY ▶], playback will restart from the first track in the original order. However, your programmed playback can be restarted when you follow the above steps. (Your programs are still stored until either the disc is ejected or the unit goes into standby mode.)
  - On some discs, [STOP ■] will not work while the resume message appears. Please wait until the message disappears.
• *To repeat the current track in the program, follow the steps 1 and 2 in "Repeat Playback" on page 41 and select "TRACK".*
• *To repeat the entire program, follow the steps 1 and 2 in "Repeat Playback" on page 41 and select "ALL".*
• *Ejecting the disc or the unit goes into standby mode will erase the program.*
• *You cannot use [the Number buttons] to select another track during programmed playback. Use [SKIP |◄◄ / ►►|] to select other tracks in the program.*
• *You cannot combine random playback with programmed playback.*
• *You cannot alter a programmed order during playback.*
• *You can start programmed playback only while in "PROGRAM" menu.*

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

☑ **On-screen Display**

You can check the information about the current disc by pressing [INFO] on the remote control.

DVD

INFO

1 CH 11/16 0:00:00 - 0:03:30 📹 ▶

🎦 appears only when multi-angle is available on the DVD

current playback status

remaining time of the current chapter

elapsed time of the current chapter

CH (Chapter): current chapter number / total chapters

INFO

2 TT 1/3 0:00:00 - 1:23:45 📹 ▶

remaining time of the current title

elapsed time of the current title

TT (Title): current title number / total titles

INFO

3 🎚 C T L1 📹 ▶

layer number, appears only when playing a 2-layered disc
L0 : Layer 0 is playing
L1 : Layer 1 is playing

current repeat setting appears only when the repeat setting is active
⟲ C : Chapter repeat
⟲ T : Title repeat
A⟲B : A-B repeat

bit rate indication for the amount of audio and video data currently being read

INFO

4

CD

INFO

1 TR 4/12 0:03:21 - 0:02:15 ⟲ T ▶

current playback status

remaining time of the current track

elapsed time of the current track

TR (Track): current track number / total tracks

INFO

2 ALL 4/12 0:13:45 - 0:45:40 ⟲ T ▶

ALL: current track number / total tracks

current repeat setting appears only when the repeat setting is active
⟲ T : Track repeat
⟲ A : All tracks repeat
A⟲B : A-B repeat

remaining time of the entire disc

elapsed time of the entire disc

INFO

3

Note:
• *When you are playing back an audio CD in program or random mode, " TR PROGRAM" (or " TR RANDOM") will be displayed instead of* **2***.*

☑ **Special Settings**

Subtitle Language

DVD

This unit allows you to select a subtitle language (if available) during DVD playback.

**1** During playback, press **[MODE]** repeatedly until " 💬 " appears.

MODE

2 Use **[Cursor ▲ / ▼]** repeatedly until your desired language appears.

or

💬 1.ENG / 6 (SUBTITLE)

subtitles can be varied on the displayed number.

current subtitles language.

• Each time you press **[Cursor ▲ / ▼]**, the subtitle language changes as shown on the next page.

43
EN

☐ **OFF** (no subtitles)

☐ **ENG** (English subtitles)

☐ **FRE** (French subtitles)
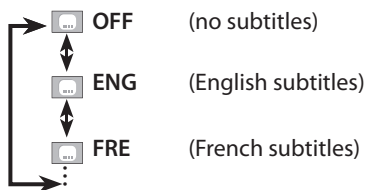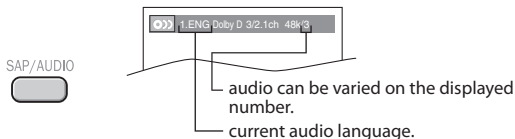
3 Press **[BACK]** to exit.

BACK

Note:
- *To cancel the subtitle, select "OFF" at step 2.*
- *If your language is not shown after pressing [Cursor ▲ / ▼] several times, the disc may not have that language. However, some discs allow you to change subtitle languages setting in the disc menu. (Operation varies depending on the disc, so refer to the manual along with the disc.)*
- *When "NOT AVAILABLE" appears on the TV screen, it means no subtitle is recorded on the scene.*
- *If you choose a language that has 3-letter-language code, the code will be displayed every time you change the subtitle language setting. If you choose any other languages, "---" will be displayed instead. Refer to page 50.*
- *Ejecting the disc will cancel your subtitle setting.*

Audio Language

DVD

This unit allows you to select an audio language (if multiple languages are available) during DVD playback.

During playback, press **[SAP/AUDIO]** repeatedly until the desired language appears.

◁)) 1.ENG Dolby D 3/2.1ch 48k\3

SAP/AUDIO

audio can be varied on the displayed number.

current audio language.

- Each time you press **[SAP/AUDIO]**, the audio language changes as example below.

◁)) **ENG** (English audio)

◁)) **SPA** (Spanish audio)

◁)) **FRE** (French audio)
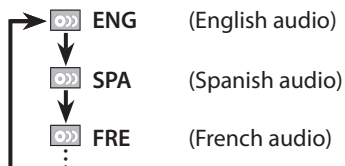
Note:
- *Some discs will only allow you to change the audio setting from the disc menu. Refer to the manual accompanying the discs for details.*
- *If your language is not shown after pressing [SAP/AUDIO] several times, the disc may not have that language. However, some discs allow you to change multiple audio languages setting in the disc menu. (Operation varies depending on the disc, so refer to the manual along with the disc.)*
- *When "NOT AVAILABLE" appears on the TV screen, it means audio language is not available.*

Camera Angles

DVD

Some DVD may contain scenes which have been shot simultaneously from various angles. You can change the camera angle if " 🎥 " appears on the screen. If "ANGLE ICON" is set to "OFF" in "OTHERS" menu, " 🎥 " will not appear. Refer to page 49.

1 During playback, press **[MODE]** repeatedly until "☐" appears.

MODE

2 Use **[Cursor ▲ / ▼]** repeatedly until your desired camera angle appears.

or

🎥 1 / 8 (ANGLE)

angles can be varied on the displayed number.
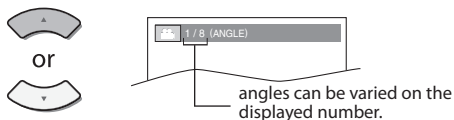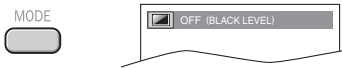
3 Press **[BACK]** to exit.
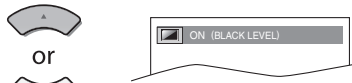
BACK

Black Level Setting

DVD

Adjust the black level to make the dark areas of the TV picture brighter.

1 During playback, press **[MODE]** repeatedly until " ▣ " appears.

MODE

▣ OFF (BLACK LEVEL)

2 Press **[Cursor ▲ / ▼]** to adjust the black level.

or

▣ ON (BLACK LEVEL)

ON : Makes the dark areas brighter.
OFF : Shows the original picture as recorded.

3 Press **[BACK]** to exit.

BACK

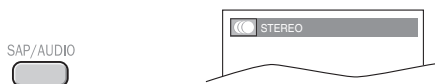### Note:
- *The setting will be kept even if the unit goes into standby mode.*

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

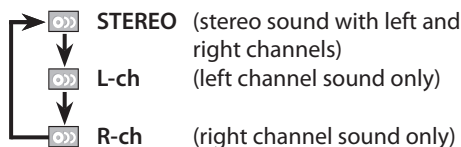TROUBLESHOOTING

INFORMATION

Stereo Sound Mode

CD

This unit allows you to select a sound mode during CD playback.

During playback, press **[SAP/AUDIO]** repeatedly until the desired sound mode appears.

SAP/AUDIO

STEREO

• Each time you press **[SAP/AUDIO]**, the sound mode changes as example below.

STEREO (stereo sound with left and right channels)
L-ch (left channel sound only)
R-ch (right channel sound only)

Note:
• Virtual surround cannot be changed when the sound mode is set to either "L-ch" or "R-ch".

Virtual Surround

You can enjoy virtual surround on your 2 channel stereo system.

1 During playback, press **[MODE]** repeatedly until " " appears.

MODE
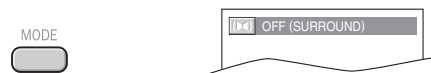
OFF (SURROUND)

2 Press **[Cursor ▲ / ▼]** to select the sound level.

or

1 (SURROUND)

1 : Natural effect.
2 : Emphasized effect.
OFF : No effects (original sound).

3 Press **[BACK]** to exit.

BACK

Note:
• The setting will be kept even if the unit is turned off.
• For audio CD, virtual surround will not be effective if the sound mode is set to something other than "STEREO". Refer to "Stereo Sound Mode" on page 45.
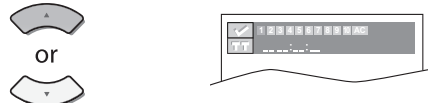*• Turn down the level or select "OFF" if the sound is distorted.*

Marker Setup

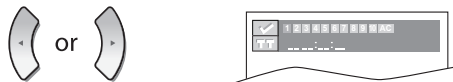**This feature allows you to assign a specific point on a disc to be called back later.**

To set a marker

1 During playback, press **[MODE]** repeatedly until " CH " / " TR " appears.
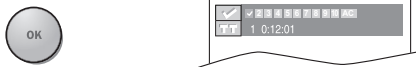
e.g.) DVD

MODE

CH __ /12 (SEARCH)

2 Use **[Cursor ▲/▼]** repeatedly until marker search menu appears.

or

3 Use **[Cursor ◄ / ►]** to select an available marker within 60 seconds.

or

4 When the playback reaches the point at which you want to set a marker, press **[OK].**
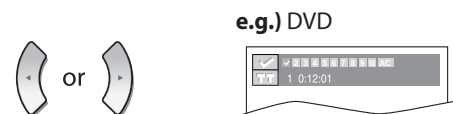
• Marker is now set.

OK

TT 1 0:12:01
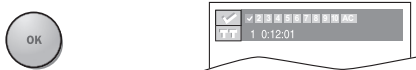
5 Press **[BACK]** to exit.

BACK

To return to the marker later

1 Repeat steps 1-2 in "To set a marker". Use **[Cursor ◄ / ►]** to select the desired marker.

e.g.) DVD

or

TT 1 0:12:01

2 Press **[OK]** at the desired marker to restart playback from the specific point which you set.
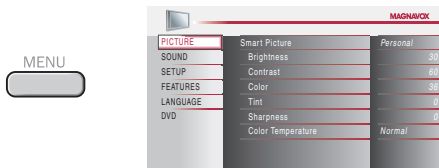
OK

TT 1 0:12:01

Note:
• Marker search menu will disappear in about 60 seconds when there is no input.
• You can mark up to 10 points.
• To clear a marker, select the marker to be cleared, and then press [CLEAR].
• Ejecting the disc or turning off the power will erase all markers.
• Selecting " AC " at step 3 in the section "To set a marker" will also erase all markers.

Settings are only effective when the unit is in DVD mode and any discs should not be played back.

☑ **DVD Language Setting**

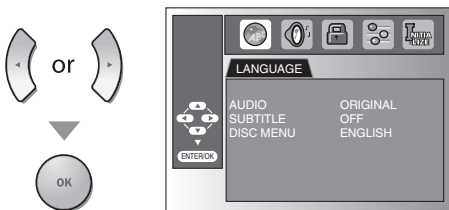**You can change the desired language when playing back the disc.**
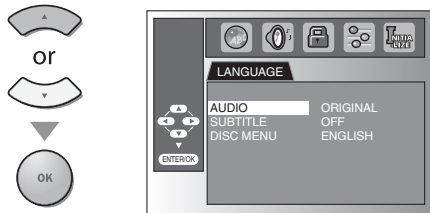
1 Press **[MENU]** to display the main menu.

MENU

		MAGNAVOX
PICTURE	Smart Picture	*Personal*
SOUND	Brightness	90
SETUP	Contrast	60
FEATURES	Color	36
LANGUAGE	Tint	0
DVD	Sharpness	0
	Color Temperature	*Normal*

2 Use **[Cursor ▲ / ▼]** to select "DVD", then press **[OK]**.

or

OK

	MAGNAVOX
PICTURE	
SOUND	
SETUP	Press "OK" key to move to DVD setup.
FEATURES	
LANGUAGE	
DVD	

3 Use **[Cursor ◄ / ►]** to select " 🔵 ", then press **[OK]**.

or

OK

LANGUAGE

AUDIO	ORIGINAL
SUBTITLE	OFF
DISC MENU	ENGLISH

ENTER/OK

4 Use **[Cursor ▲ / ▼]** to select the desired item, then press **[OK]**.

or

OK

LANGUAGE

AUDIO	ORIGINAL
SUBTITLE	OFF
DISC MENU	ENGLISH

ENTER/OK

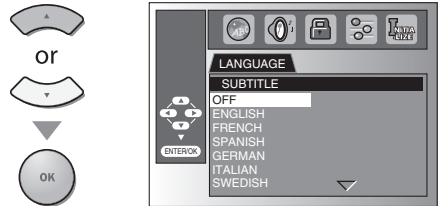**5** Use **[Cursor ▲ / ▼]** to select the desired item, then press **[OK]**.

AUDIO *1, *2   (Default: ORIGINAL)
Select the desired audio language.

or

OK

LANGUAGE

AUDIO
ORIGINAL
ENGLISH
FRENCH
SPANISH
GERMAN
ITALIAN
SWEDISH

ENTER/OK
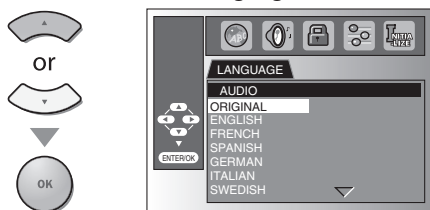
SUBTITLE *1, *2   (Default: OFF)
Select the desired subtitle language.

or

OK

LANGUAGE

SUBTITLE
OFF
ENGLISH
FRENCH
SPANISH
GERMAN
ITALIAN
SWEDISH

ENTER/OK

DISC MENU *1   (Default: ENGLISH)
Select the desired language in DVD menu.

or

OK

LANGUAGE

DISC MENU
ENGLISH
FRENCH
SPANISH
GERMAN
ITALIAN
SWEDISH
DUTCH

ENTER/OK
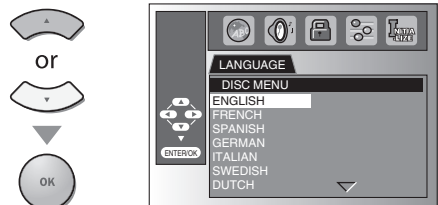
Note:

- *To change the on-screen language, call up "LANGUAGE" from the main menu and set the desired language. Refer to "Language Selection" on page 24.*
  *1
- *Language options are not available with some discs.*
- *If "OTHER" is selected in "AUDIO", "SUBTITLE" or "DISC MENU" menu, press 4-digit number to enter the code for the desired language. Refer to "Language Code List" on page 50.*
- *Only the languages supported by the disc can be selected.*
  *2
- *Language setting for Audio and Subtitle are not available with some discs.*
  *- Use **[MODE]** to select subtitles available on the DVD.*
  *- Use **[SAP/AUDIO]** to select audio available on the DVD.*
- *If the DVD's default settings for audio and subtitle are the same language, the subtitles may not show unless you turn them on.*
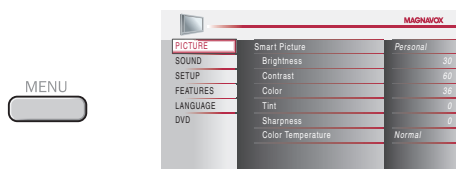
6 Press **[MENU]** to exit.

MENU

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

☑ **DVD Audio Setting**

Choose the appropriate audio settings for your equipment. It only affects during the playback of DVD.

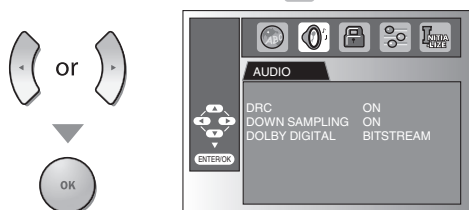**1** Press **[MENU]** to display the main menu.

MENU

		MAGNAVOX
PICTURE	Smart Picture	*Personal*
SOUND	Brightness	30
SETUP	Contrast	60
FEATURES	Color	38
LANGUAGE	Tint	0
DVD	Sharpness	0
	Color Temperature	*Normal*

2 Use **[Cursor ▲ / ▼]** to select "DVD", then press **[OK]**.

or

OK

	MAGNAVOX
PICTURE	
SOUND	
SETUP	Press "OK" key to move to DVD setup.
FEATURES	
LANGUAGE	
DVD	

3 Use **[Cursor ◄ / ►]** to select " 🎚 ", then press **[OK]**.

or

OK

AUDIO

DRC   ON
DOWN SAMPLING   ON
DOLBY DIGITAL   BITSTREAM

ENTER/OK

4 Use **[Cursor ▲ / ▼]** to select the desired item, then press **[OK]**.

DRC (dynamic range control)　　(Default: ON)

This function is available only on the discs which are recorded in the Dolby Digital format.
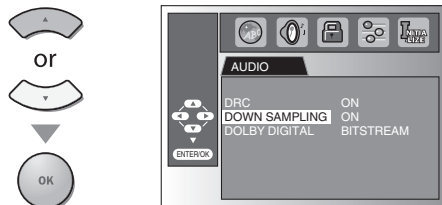
or

OK

AUDIO

DRC   ON
DOWN SAMPLING   ON
DOLBY DIGITAL   BITSTREAM

ENTER/OK
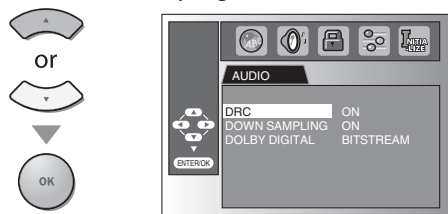
ON : Compress the range between soft and loud sounds.

OFF : No effects (original sound).

DOWN SAMPLING　　　　　　(Default: ON)

This function is available only on digital outputting of a disc recorded in 96kHz.

or

OK

AUDIO

DRC   ON
DOWN SAMPLING   ON
DOLBY DIGITAL   BITSTREAM

ENTER/OK

ON : When outputting in 48kHz.
OFF : When outputting the original sound.

Note:

- *When playing back a 96 kHz disc with the copyright protection or when "Virtual Surround" is set to "1" or "2", the sound will be down sampled at 48 kHz even if the "DOWN SAMPLING" is set to "OFF". Refer to "Virtual Surround" on page 45.*

DOLBY DIGITAL　　　　(Default: BITSTREAM)

Set to "BITSTREAM" when this unit is connected to a Dolby Digital decoder.

or

OK

AUDIO

DRC   ON
DOWN SAMPLING   ON
DOLBY DIGITAL   BITSTREAM

ENTER/OK
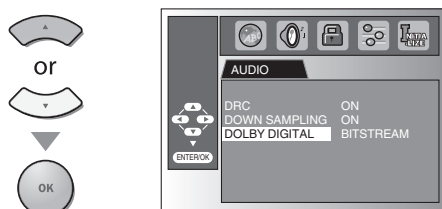
BITSTREAM : Outputs Dolby Digital signals.
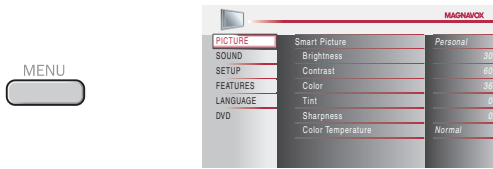**PCM :** Converts the Dolby Digital into PCM. (2 channel)

5 Press **[MENU]** to exit.

MENU

☑ **Parental Setting**

Parental setting prevents your children from viewing inappropriate materials. (password protected.) Playback will stop if the ratings exceed the levels you set.
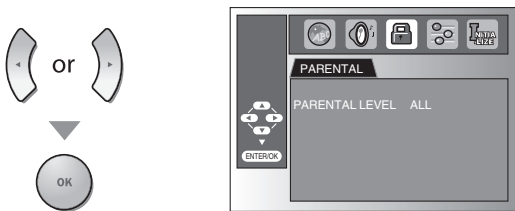
**1** Press **[MENU]** to display the main menu.

MENU

PICTURE	Smart Picture	Personal
SOUND	Brightness	30
SETUP	Contrast	60
FEATURES	Color	36
LANGUAGE	Tint	0
DVD	Sharpness	0
	Color Temperature	Normal

2 Use **[Cursor ▲ / ▼]** to select "DVD", then press **[OK]**.

or

OK

Press "OK" key to move to DVD setup.

PICTURE
SOUND
SETUP
FEATURES
LANGUAGE
DVD

3 Use **[Cursor ◄ / ►]** to select " 🔒 ", then press **[OK]**.

or

OK

PARENTAL

PARENTAL LEVEL   ALL

ENTER/OK

4 Use **[the Number buttons]** to enter the 4-digit numbers for your password, then press **[OK]**.

1 2 3
4 5 6
7 8 9
0

OK

PARENTAL

Enter current password.

■■■■

ENTER/OK
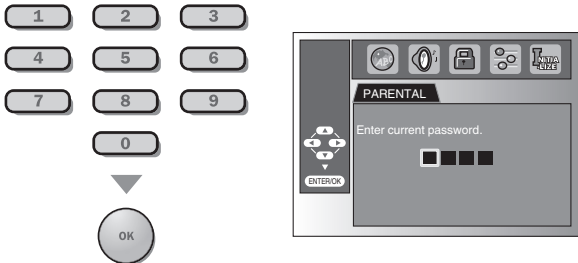
• If you have set password already, use **[the Number buttons]** to enter the current 4-digit password.
• You cannot use the default password (4737) to play back a DVD.

5 Use **[Cursor ▲ / ▼]** to select the "PARENTAL LEVEL", then press **[OK]**.

or

OK

PARENTAL

PARENTAL LEVEL   ALL
PASSWORD CHANGE

ENTER/OK

6 Use **[Cursor ▲ / ▼]** to select the desired item, then press **[OK]**.

or

OK
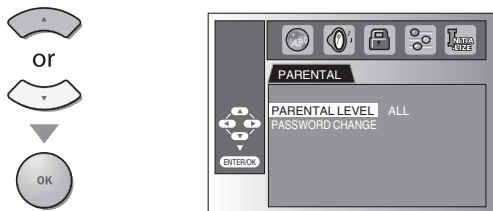
PARENTAL
PARENTAL LEVEL
ALL
8 [ADULT]
7 [NC-17]
6 [R]
5 [PGR]
4 [PG13]
3 [PG]

ENTER/OK

PARENTAL LEVEL

ALL : All parental locks are cancelled.
8 [ADULT] : All ratings (adult / general / children) can be played back.
7 [NC-17]-2 [G] : Only DVD intended for general use and children can be played back.
1 [KID SAFE] : Only DVD intended for children can be played back.

7 Press **[MENU]** to exit.

MENU

To change the password

5 Follow steps 1 to 4. Use **[Cursor ▲ / ▼]** to select "PASSWORD CHANGE", then press **[OK]**.

or

OK

PARENTAL
PARENTAL LEVEL   ALL
PASSWORD CHANGE

ENTER/OK

6 Use **[the Number buttons]** to enter the new 4-digit password.

1 2 3
4 5 6
7 8 9
0

OK

PARENTAL
PASSWORD
Please enter a 4-digit password.

0 0 0 0

Don't forget the password.
Press 'ENTER/OK' to activate password.

ENTER/OK

Note:

• *DVD-video may not respond to parental lock settings. Make sure this function works with your DVD-video.*
• *Record the password in case you forget it.*
• *If you forget the password, press **[4]**, **[7]**, **[3]**, **[7]**, then enter your new password. Password will be cleared and parental levels will be set to "ALL".*
• *A power failure will not erase your password.*

7 Press **[MENU]** to exit.

MENU

☑ **Others**

You can change the other functions.

1 Press **[MENU]** to display the main menu.

MENU

2 Use **[Cursor ▲ / ▼]** to select "DVD", then press **[OK]**.

or

OK

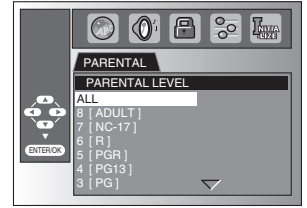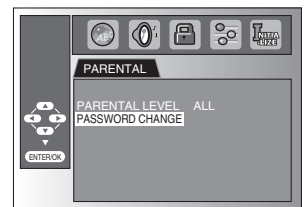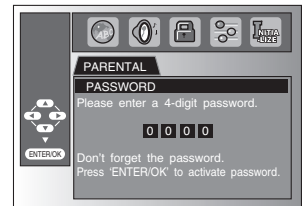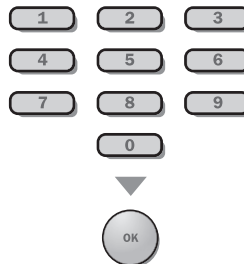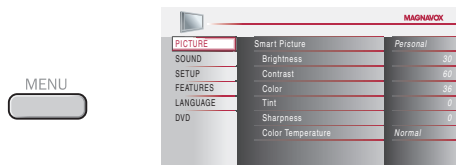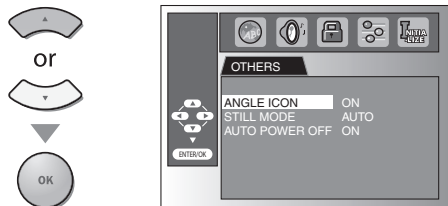**3** Use **[Cursor ◄ / ►]** to select " 🔧 ", then press **[OK]**.

or

OK
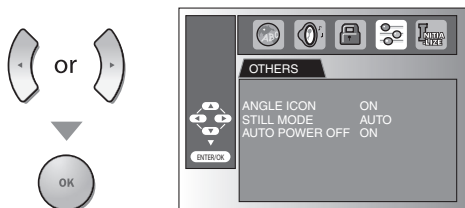
4 Use **[Cursor ▲ / ▼]** to select the desired item, then press **[OK]**.

ANGLE ICON (Default: ON)

Set to "ON" to show the angle icon when multiple camera angles are available during DVD playback.
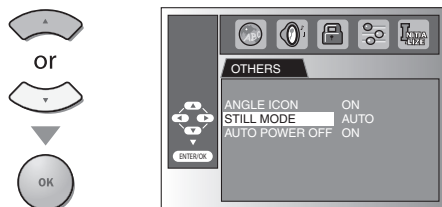
or

OK

STILL MODE (Default: AUTO)

Set the picture quality in the still mode.
If you select "AUTO", it automatically selects the best resolution setting ("FRAME" or "FIELD") based on the date characteristics of the pictures.
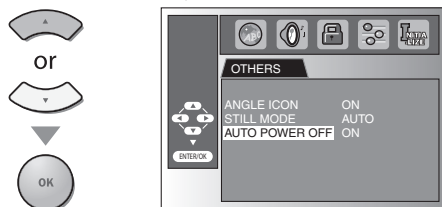
FIELD : The picture in the still mode will be stabilized.
FRAME : The picture in the still mode will be highly defined.

or

OK

AUTO POWER OFF (Default: ON)

Set to "ON" if there is no operation for 20 minutes, the unit goes into standby mode.
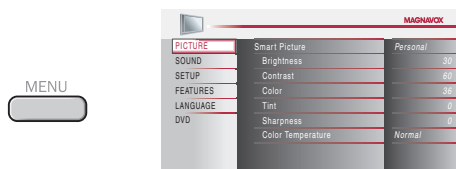
or

OK

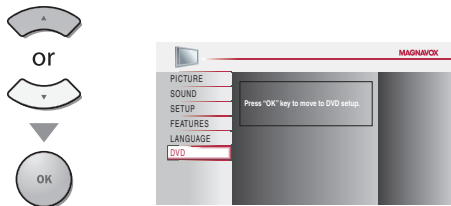**5** Press **[MENU]** to exit.

MENU

☑ Reset to the Default Setting

You can reset all the settings except for the parental setting and on-screen menu language.
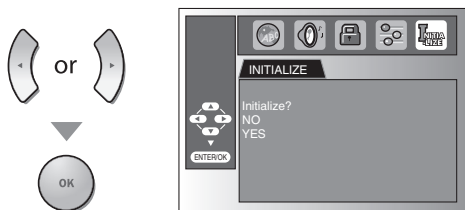
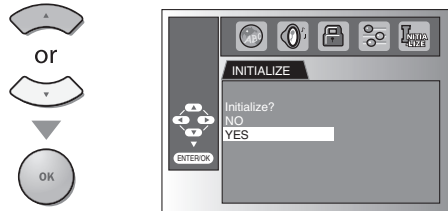**1** Press **[MENU]** to display the main menu.

MENU

PICTURE	Smart Picture	Personal
SOUND	Brightness	30
SETUP	Contrast	60
FEATURES	Color	35
LANGUAGE	Tint	0
DVD	Sharpness	0
	Color Temperature	Normal

2 Use **[Cursor ▲ / ▼]** to select "DVD", then press **[OK]**.

or

OK

PICTURE
SOUND
SETUP
FEATURES
LANGUAGE
DVD

Press "OK" key to move to DVD setup.

3 Use **[Cursor ◄ / ►]** to select " INITIALIZE ", then press **[OK]**.

or

OK

INITIALIZE

Initialize?
NO
YES

ENTER/OK

4 Use **[Cursor ▲ / ▼]** to select "YES", then press **[OK]**.

or

OK

INITIALIZE

Initialize?
NO
YES

ENTER/OK

Note:
• *When you want to cancel the initialization, select "NO" at step 4, then press [OK].*

5 Press **[MENU]** to exit.

MENU

☑ Language Code List

Language	Code	Language	Code
A-B		Marathi	5964
Abkhazian	4748	Moldavian	5961
Afar	4747	Mongolian	5960
Afrikaans	4752	Nauru	6047
Albanian	6563	Nepali	6051
Amharic	4759	Norwegian [NOR]	6061
Arabic	4764	**O-R**	
Armenian	5471	Occitan	6149
Assamese	4765	Oriya	6164
Aymara	4771	Oromo(Afan)	6159
Azerbaijani	4772	Panjabi	6247
Bashkir	4847	Pashto;Pushto	6265
Basque	5167	Persian	5247
Bengali;Bangla	4860	Polish [POL]	6258
Bhutani	5072	Portuguese [POR]	6266
Bihari	4854	Quechua	6367
Bislama	4855	Rhaeto-Romance	6459
Breton	4864	Romanian [RUM]	6461
Bulgarian	4853	Russian [RUS]	6467
Burmese	5971	**S**	
Byelorussian	4851	Samoan	6559
C-E		Sangho	6553
Cambodian	5759	Sanskrit	6547
Catalan	4947	Scots Gaelic	5350
Chinese [CHI]	7254	Serbian	6564
Corsican	4961	Serbo-Croatian	6554
Croatian	5464	Sesotho	6566
Czech [CZE]	4965	Setswana	6660
Danish [DAN]	5047	Shona	6560
Dutch [DUT]	6058	Sindhi	6550
English [ENG]	5160	Singhalese	6555
Esperanto	5161	Siswat	6565
Estonian	5166	Slovak	6557
F-H		Slovenian	6558
Faroese	5261	Somali	6561
Fiji	5256	Spanish [SPA]	5165
Finnish [FIN]	5255	Sundanese	6567
French [FRE]	5264	Swahili	6569
Frisian	5271	Swedish [SWE]	6568
Galician	5358	**T**	
Georgian	5747	Tagalog	6658
German [GER]	5051	Tajik	6653
Greek [GRE]	5158	Tamil	6647
Greenlandic	5758	Tatar	6666
Guarani	5360	Telugu	6651
Gujarati	5367	Thai	6654
Hausa	5447	Tibetan	4861
Hebrew	5569	Tigrinya	6655
Hindi	5455	Tonga	6661
Hungarian [HUN]	5467	Tsonga	6665
I-K		Turkish [TUR]	6664
Icelandic [ICE]	5565	Turkmen	6657
Indonesian	5560	Twi	6669
Interlingua	5547	**U-Z**	
Interlingue	5551	Ukrainian	6757
Inupiak	5557	Urdu	6764
Irish [IRI]	5347	Uzbek	6772
Italian [ITA]	5566	Vietnamese	6855
Japanese [JPN]	5647	Volapuk	6861
Javanese	5669	Welsh	4971
Kannada	5760	Wolof	6961
Kashmiri	5765	Xhosa	7054
Kazakh	5757	Yiddish	5655
Kinyarwanda	6469	Yoruba	7161
Kirghiz	5771	Zulu	7267
Kirundi	6460		
Korean [KOR]	5761		
Kurdish	5767		
L-N			
Laothian	5861		
Latin	5847		
Latvian;Lettish	5868		
Lingala	5860		
Lithuanian	5866		
Macedonian	5957		
Malagasy	5953		
Malay	5965		
Malayalam	5958		
Maltese	5966		
Maori	5955		

Note:
• *If you choose a language that has a 3-letter abbreviation, the code will be displayed every time you change the audio or subtitle language setting above. If you choose any other language, '---' will be displayed instead. (3-letter abbreviation is written in bracket.)*

TROUBLESHOOTING

☑ **FAQ**

Question	Answer
My remote control does not work. What should I do?	• Check the antenna or cable connection to the main unit. • Check the batteries of the remote control. • Check if there is an obstacle between the infrared sensor window and the remote control. • Test the signal output. If OK, then possible infrared sensor trouble. Refer to "IR Signal Check" on page 54. • Aim the remote control directly at the infrared sensor window on the front of the unit. • Reduce the distance to the unit. • Re-insert the batteries with their polarities (+/− signs) as indicated. • When there is an infrared-equipped device such as PC near this unit, it may interrupt the remote control signal of this unit. • Move the infrared-equipped device away from this unit, change the angle of the infrared sensor or turn off the infrared communication function.
How come the Initial setup appears every time I turn on this unit?	• Connect the RF coaxial cable to the unit directly and run the initial setup. • Make sure to complete the channel scan before the unit goes into standby mode.
Why I cannot watch some TV programs.	• Make sure autoprogram has been completed. Refer to "Autoprogram" on page 22. • Autoprogram must be completed when you set up the unit for the first time or move it to a location where previously unavailable channels are broadcast. • The selected channel may not be broadcasting. • When autoprogram is interrupted and not completed, some channels will not be received. Make sure to complete. Refer to "Autoprogram" on page 22. • The selected channel cannot be viewed by the "Child Lock" setting. Refer to "Child Lock" on page 30. • The unit requires some kind of antenna input. An indoor antenna (VHF /UHF), an external antenna (VHF /UHF) or an RF coaxial cable from your wall cable/satellite box needs to be plugged into the unit.
How come there is no image from the connected external devices?	• Check if the right input mode is selected by pressing **[SOURCE]** or using **[CH + / −]**. Refer to "Switching Each Input Mode" on page 19. • Check the antenna or cable connection to the unit. • When using the Component Video Connection check that the Green (Y), Blue (Pb/Cb) and Red (Pr/Cr) connectors are connected to their corresponding colored jacks on the unit.
Whenever I entered channel number, it changes automatically.	• Many digital channels have alternate channel numbers. The unit changes the numbers automatically to the ones signifying the broadcasting stations. These are the numbers used for analog broadcasts.
My disc cannot be played back. Is there any way I can play my disc?	• Clean the disc. • Ensure the disc is correctly inserted. • Check if the disc is defective by trying another disc. • Cancel the parental lock or change the control level. • Insert a correct disc that plays back on this unit. • Handle a disc with special care so that it does not have fingerprints, scratches or dusts on its surface.
Why are captions not displayed entirely? Or, captions are delayed behind the dialogue.	• Captions that are delayed a few seconds behind the actual dialogue are common for live broadcasts. Most captioning production companies can display a dialogue to maximum of 220 words per minute. If a dialogue exceeds that rate, selective editing is used to insure that the captions remain up-to date with the current TV screen dialogue.
How can I set the clock ?	• There is no clock function on this unit.

☑ **Troubleshooting Guide**

If the unit does not perform properly when operated as instructed in this manual,
check the following chart and all connections once before calling for service.

Symptom	Remedy
No power	• Make sure the AC power cord is plugged in. • Make sure that the AC outlet supplies the proper voltage, plug another electrical appliance into the AC outlet. • If a power failure occurs, unplug the AC power cord for 1 minute to allow the unit to reset itself.
Control button does not work.	• Press only one button at a time. Do NOT press more than one buttons at the same time.
Power is ON but no screen image.	• Check whether the connection of the antenna, cable receiver or satellite box is connected correctly. • Check whether all the cables to the unit are connected to the correct output jack of your device like BD/DVD recorder. • Make sure that the selected input mode is connected to the working input jack. • Check if your computer is NOT in sleep mode when the input mode of this unit is in PC mode. Tap any key on the keyboard to wake up your computer.
No picture or sound	• Check if the power is on. • Check if the right input mode is selected. • Check whether all the cables to the unit are connected to the correct output jack of your device like BD/DVD recorder. • View other TV channels. The problem might be limited to the broadcasting station. • Turn off the unit and wait for about 1 minute, then turn on the unit again. • Check whether the connection of the antenna, cable receiver or satellite box is connected correctly. • Make sure that the selected input mode is connected to the working input jack. • Check if your computer is NOT in sleep mode when the input mode of this unit is in PC mode. Tap any key on the keyboard to wake up your computer. • Make sure that the sound is not muted. Press **[MUTE]** so that the volume bar and current volume level will appear on the TV screen. • Make sure that the volume is NOT set to "0" or "Mute". If so, use **[VOL + / −]** to adjust the desired volume.
No color	• View other TV channels. The problem might be limited to the broadcasting station. • Adjust "Color" in the main menu.
Adjusted "PICTURE", "SOUND" or "Energy Saving Mode" is not effective every time turn on the unit.	• You must set "Home" in "Location". Refer to page 35. Otherwise, the settings you adjusted will not be memorized after the unit goes into standby mode.
Sound OK, picture poor	• Electrical interference from nearby appliances may affect picture quality. • Adjust "Contrast" and "Brightness" in the main menu. • View other TV channels. The problem might be limited to the broadcasting station. • For the best picture quality, watch "high definition" wide screen programs. If the HD content is not available, watch "standard definition" programs instead.
Picture OK, sound poor	• View other TV channels. The problem might be limited to the broadcasting station. • Check if the audio cable is connected in correctly.
You see a distorted picture or hear an unusual sound.	• You may be getting interference from electrical appliances, automobiles, motorcycles or fluorescent lights. • Try moving the unit to another location to see if this is the cause of the problem.
Ghosts, lines or streaks in picture	• Electrical interference from nearby appliances may affect picture quality. • View other TV channels. The problem might be limited to the broadcasting station.
You see "noise" or "trash" on the screen.	• When the capabilities of the unit exceed the capabilities of the digital broadcasting, the signal will be increased to match the capabilities of the display of the unit. This may cause noise or trash.
Different color marks on the TV screen	• View other TV channels. The problem might be limited to the broadcasting station.

T V

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

	Symptom	Remedy
T V	You switch to a different input and the volume.	• This unit will memorize the volume level from the last time you adjusted it. • If the volume of the sound from another device is higher or lower, then the loudness will change.
	You switch to a different input and the screen size changes.	• This unit will memorize the viewing mode from the last time you used the particular input modes.
	The display image does not cover the entire screen.	• If you are using the unit as a PC monitor, make sure that "Horizontal Position" and "Vertical Position" in "PC Settings" are set correctly. • If you are watching TV or using the Video, S-Video, Component video or HDMI with 480i Input, press **[FORMAT]** repeatedly to switch various screen modes.
	Captions are displayed as a white box. No caption is displayed in the Closed Caption-supported program.	• Interference from buildings or weather conditions may cause captioning to be incomplete. • Broadcasting station may shorten the program to insert advertisement. The closed caption decoder cannot read the information of the shortened program.
	No caption is displayed when playing back a disc or a cassette tape containing captions.	• The disc or cassette tape may be illegally copied, or the caption signal might not have been read during copying.
	Black box is displayed on the TV screen.	• The text mode is selected for caption. Select "CC-1", "CC-2", "CC-3", "CC-4" or "Off".
D V D	Completely distorted picture or black/white picture with DVD.	• Make sure the disc is compatible with the unit.
	Picture freezes momentarily during playback.	• Check the disc for finger prints/scratches and clean with a soft cloth wiping from center to edge.
	Disc cannot be played.	• Clean the disc. • Ensure the disc is correctly inserted. • Check if the disc is defective by trying another disc. • Cancel the parental lock or change the control level. • Insert a correct disc that plays on this unit. • Handle a disc with special care so that it does not have fingerprints, scratches, or dusts on its surface.
	Buttons do not work or the unit stops responding.	• To completely reset the unit, unplug the AC power cord from the power outlet for 5-10 seconds.
	The unit does not respond to some operating commands during playback.	• Operations may not be permitted by the disc. Refer to the instructions of the disc.
	Angle does not switch.	• The angle cannot be switched for DVD which do not contain multiple angles. In some cases multiple angles are only recorded for specific scenes.
	Playback does not start when the title is selected.	• Check the "PARENTAL" setting.
	The password for rating level has been forgotten.	• Enter the default password (4737), then your forgotten password will be cleared.

Note:
- *The LCD panel is manufactured to provide many years of useful life. Occasionally a few non active pixels may appear as a fixed point of blue, green or red. This is not to be considered a defect in the LCD screen.*
- *Some functions are not available in specific modes, but this is not a malfunction. Read the description in this manual for more details on correct operations.*
- *Some functions are prohibited on some discs.*

☑ **Glossary**

ATSC

Acronym that stands for Advanced Television Systems Committee and the name of the digital broadcasting standards.

Aspect Ratio

The width of a TV screen relative to its height. Conventional TVs are 4:3 (in other words, the TV screen is almost square); widescreen models are 16:9 (the TV screen is almost twice as wide as its height).

CEC (Consumer Electronics Control)

This allows you to operate the linked functions between our brand devices with CEC feature and this unit. We do not guarantee 100% interoperability with other brands of CEC compliant devices.

Component video

This is a video signal format that conveys each of 3 principal colors of light (red, blue and green) through different signal lines. This allows the viewers to experience picture colors as original as it is. There are several signal formats, including Y / Pb / Pr and Y / Cb / Cr.

Dolby Digital

The system developed by Dolby Laboratories to compress digital sound. It offers stereo sound (2ch) or multi-channel audio.

HDMI
(High-Definition Multimedia Interface)

Interface that supports all uncompressed, digital audio/video formats including set-top box, BD/DVD recorder or digital television, over a single cable.

HDTV (High Definition TV)

Ultimate digital format that produces high resolution and high picture quality.

NTSC

Acronym that stands for National Television Systems Committee and the name of the current analog broadcasting standards. Off the air NTSC signals will no longer be sent by broadcasting stations during 2009.

Password / PIN Code

A stored 4-digit number that allows access to parental control features.

Region Code

Regions associate discs and players with particular areas of the world.
This unit will only play back discs that have compatible region codes.
You can find the region code of your unit by looking on the rear panel.
Some discs are compatible with more than one region (or all regions).

SAP (Secondary Audio Program)

Second-audio channel delivered separately from main-audio channel. This audio channel is used as an alternate in bilingual broadcasting.

SDTV (Standard Definition TV)

Standard digital format that is similar to the NTSC picture quality.

S-Video

Offers higher quality images by delivering each signal, color (c) and luminance (y) independently of each other through a separate cable.

☑ **Maintenance**

Cabinet Cleaning

• Wipe the front panel and other exterior surfaces of the unit with a soft cloth immersed in lukewarm water and wrung dry.
• Never use a solvent or alcohol. Do not spray insecticide liquid near the unit. Such chemicals may cause damage and discoloration to the exposed surfaces.

Panel Cleaning

Wipe the panel of the unit with a soft cloth. Before cleaning the panel, disconnect the AC power cord.

Disc Handling

Handle the discs so that fingerprints and dust do not adhere to the surfaces of the discs.

• Always store the disc in its protective case when it is not used.
• To clean-off, use a soft cloth.
• Do not use a hard cloth since this will mar the disc.
• Wipe the disc in a straight line form center to edge.
• Never wipe with a circular motion.
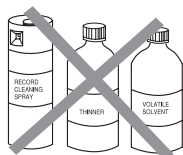
• Do not use detergent or abrasive cleaning agents.

Servicing

Should your unit become inoperative, do not try to correct the problem yourself. There are no user serviceable parts inside. Turn off the unit, unplug the AC power cord and call our toll free customer support line found on the cover of this manual to locate an authorized service center.

If the Laser Optical Pickup Unit is Dirty

If the unit still does not perform properly when it is operated, while referring to the relevant sections and to "Troubleshooting Guide" in this user manual, the laser optical pickup unit may be dirty. Consult your dealer or an Authorized Service Center for inspection and cleaning of the laser optical pickup unit.

IR Signal Check

If the remote control is not working properly, you can use a digital camera (including a cellular phone with built-in camera) to see if it is sending out an infrared signal.

• With a digital camera (including built-in cell phone cameras): Point the Digital Camera towards the remote control infrared diode at the front of the remote control. Press any button on the remote control and look through the camera display. If the infrared pulsating light appears through the camera, the remote control is sending out an IR signal.

INTRODUCTION

PREPARATION

WATCHING TV

OPTIONAL SETTING

OPERATING DVD

DVD SETTING

TROUBLESHOOTING

INFORMATION

☑ General Specifications

TV
TV format: ATSC / NTSC-M TV standard
Closed caption system:
§15.122 / FCC (digital CC)
§15.119 / FCC (analog CC)
Channel coverage (ATSC / NTSC):
Terrestrial	**VHF:** 2~13 **UHF:** 14~69
CATV	2~13, A~W,
	W+1~W+94 (analog W+1~W+84),
	A-5~A-1, 5A

Tuning system: Channel frequency synthesized tuning system
Channel access: Direct access keyboard,
Programmable scan, and up / down

DVD
Discs (playback compatibility):
DVD-video, DVD-RW/-R,
audio CD, CD-RW/-R
Frequency response:
DVD (linear sound):	20 Hz to 20 kHz (sample rate: 48 kHz)
	20 Hz to 44 kHz (sample rate: 96 kHz)
CD:	20 Hz to 20 kHz

Signal-to-noise ratio (S/N ratio):
CD: 90 dB (JEITA)
Total distortion factor:
DVD: 1 KHz 0.007% (JEITA)
CD: 1 KHz 0.007% (JEITA)

☑ Electrical Specification

Audio Output: 10W, 8Ω x 2

☑ Other Specifications

Terminals:
Antenna Input:	VHF / UHF / CATV	75Ω unbalanced (F-type)
Audio Input:	RCA jack (L/R) x 6	500mV rms
Video Input:	RCA jack x 1	1V p-p (75Ω)
S-Video Input:	Mini DIN 4-pin jack x 1	**Y:** 1V p-p (75Ω)
		C: 286mV p-p (75Ω)

Component video Input:
	RCA jack x 3	**Y:** 1V p-p (75Ω)
		Pb/Cb: 700mV p-p (75Ω)
		Pr/Cr: 700mV p-p (75Ω)

HDMI Input: **[37MD350B]** HDMI 19pin x 3
[32MD350B] HDMI 19pin x 2
Coaxial Digital audio Output:
RCA jack x 1   500mV p-p (75Ω)
Audio Output: RCA jack (L/R) x 2   500mV rms

Remote control: Digital encoded infrared light system
Operating temperature:
41°F (5°C) to 104°F (40°C)
Power requirements:
120V~ AC +/- 10%, 60Hz +/- 0.5%

[*37MD350B*]

Power consumption (maximum):
165W
LCD: 37 inches
Dimensions:
	<without stand>	<with stand>
W:	35.9 inches (910.0mm)	35.9 inches (910.0mm)
H:	23.7 inches (600.0mm)	25.2 inches (638.0mm)
D:	5.1 inches (127.5mm)	10.2 inches (257.0mm)
Weight:	27.74 lbs. (12.58kg)	29.92 lbs. (13.57kg)

[*32MD350B*]

Power consumption (maximum):
150W
LCD: 32 inches class (31.5 inches measured diagonally)
Dimensions:
	<without stand>	<with stand>
W:	30.0 inches (760.0mm)	30.0 inches (760.0mm)
H:	20.5 inches (519.3mm)	22.2 inches (563.0mm)
D:	5.1 inches (127.5mm)	9.4 inches (238.0mm)
Weight:	20.51 lbs. (9.30kg)	21.61 lbs. (9.80kg)

• Designs and specifications are subject to change without notice and without our legal obligation.
• If there is a discrepancy between languages, the default language will be English.

LIMITED WARRANTY
NINETY (90) DAY LABOR / ONE (1) YEAR PARTS

WARRANTY COVERAGE:

This warranty obligation is limited to the terms as set forth below.

WHO IS COVERED:

This product warranty is issued to the original purchaser or the person receiving the product as a gift against defects in materials and workmanship as based on the date of original purchase ("Warranty Period") from an Authorized Dealer. The original sales receipt showing the product name and the purchase date from an authorized retailer is considered such proof.

WHAT IS COVERED:

This warranty covers new products if a defect in material or workmanship occurs and a valid claim is received within the Warranty Period. At its option, the company will either (1) repair the product at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new, or serviceable used parts and is at least functionally equivalent or most comparable to the original product in current inventory, or (3) refund the original purchase price of the product.

Replacement products or parts provided under this warranty are covered against defects in materials and workmanship from the date of the replacement or repair for ninety (90) days or for the remaining portion of the original product's warranty, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes company property. When a refund is given, your product becomes company property.

Note: Any product sold and identified as refurbished or renewed carries a ninety (90) day limited warranty.

Replacement product can only be sent if all warranty requirements are met. Failure to follow all requirements can result in delay.

WHAT IS NOT COVERED - EXCLUSIONS AND LIMITATIONS:

This Limited Warranty applies only to new company manufactured products that can be identified by the trademark, trade name, or logo affixed to it. This Limited Warranty does not apply to any hardware product or any software, even if packaged or sold with the product, as manufacturers, suppliers, or publishers may provide a separate warranty for their own products packaged with the bundled product.

The company is not liable for any damage to or loss of any programs, data, or other information stored on any media contained within the product, or other additional product or part not covered by this warranty. Recovery or reinstallation of programs, data or other information is not covered under this Limited Warranty.

This warranty does not apply (a) to damage caused by accident, abuse, misuse, neglect, misapplication, or non-supplied product, (b) to damage caused by service performed by anyone other than company approved Authorized Service Location, (c) to a product

or a part that has been modified without written company permission, or (d) if any serial number has been removed or defaced, or (e) product, accessories or consumables sold "AS IS" without warranty of any kind by including refurbished product sold "AS IS" by some retailers.

This Limited Warranty does not cover:

*   Shipping charges to return defective product.
*   Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna/signal source systems outside of the product.
*   Product repair and/or part replacement because of improper installation or maintenance, connections to improper voltage supply, power line surge, lightning damage, retained images or screen markings resulting from viewing fixed stationary content for extended periods, product cosmetic appearance items due to normal wear and tear, unauthorized repair or other cause not within the control of the company.
*   Damage or claims for products not being available for use, or for lost data or lost software.
*   Damage from mishandled shipments or transit accidents when returning product.
*   A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
*   A product used for commercial or institutional purposes (including but not limited to rental purposes).
*   Product lost in shipment and no signature verification receipt can be provided.
*   Failure to operate per Owner's Manual.

TO OBTAIN ASSISTANCE…

Contact the Customer Care Center at:
1-866-341-3738

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY FOR THE CONSUMER, WITH THE ISSUING COMPANY NOT LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusions or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

FUNAI CORPORATION, Inc. 19900 Van Ness Avenue, Torrance, CA 90501